### APPENDICES -PART 1

Appendix 1: Authority Correspondence



13/09/2012

Department of Minerals and Resources (DMR) Private Bag A1 Klerksdorp 2570.

To Phumudzo Nethwadzi

### Authority Notification: Environmental Authorisation Processes for the proposed Re-processing of Anglo American Platinum's Waterval Tailings Storage Facilities located in Rustenburg, North West Province

### 1. Notification

Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM) proposes the reprocessing of Waterval Tailings Storage Facilities (TSF's) located within the mine lease area of RPM in Rustenburg. WSP Environment and Energy (WSP) have been appointed to conduct the environmental authorisation processes required for the proposed development.

According to the Mineral and Petroleum Resources Development Act (No. 20 of 2002) (MPRDA), RPM are required to undergo an environmental management programme (EMPR) amendment process. Thus, notification of an Environmental Impact Assessment (EIA) and an Environmental Management Programme Amendment process is hereby given.

### 2. Project Background

The Waterval TSFs (East and West dams) were previously used to deposit tailings material from mineral processing operations. Following tests conducted on the Waterval tailings, latent reserves have been identified that warrant the re-processing of the tailings material. The re-processing of the Waterval TSFs, including associated infrastructure, was authorised by the Department of Minerals and Energy (now the Department of Mineral Resources – DMR) as part of an amendment to the existing EMPR in 2002. Although authorised, the re-processing of the Waterval tailings has not yet commenced and recent changes to proposed infrastructure and the layout of the project require the 2002 EMPR to be amended. Additionally, some of the changes involve activities for which environmental authorisation from the North West Provincial Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT) will be required. For further detail please refer to the *Background Information Document* contained within the presentation package (Including detailed GIS maps).

### 3. Proposed Activities and Authorisation processes required

According to the MPRDA, RPM are required to undergo an EMPR Amendment Process as portions of the proposed project fall within the RPM mine lease area.

In addition, the undertaking of certain listed activities requires environmental authorisation in accordance with the National Environmental Management Act No. 107 of 1998, as amended (NEMA), Government Notice Regulation (GN. R) 544 and 545.

The activities listed in GN. R 544 associated with the proposed project include:

- Activity 9;
- Activity 10;
- Activity 11 (iii);
- Activity 18 (i);
- Activity 22;
- Activity 22,
   Activity 23; and
- Activity 23, and
- Activity 47.

WSP Environmental (Pty) Ltd WSP House

Bryanston Place 199 Bryanston Drive Bryanston, 2021 Tel: +27 (0)11 361 1380 Fax: +27 (0)11 361 1381 http://www.wspenvironmental.co.za Req. No: 1995/0879007

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The activity listed in GN. R 545 associated with the proposed project is:

Activity 6 (ii): The construction of facilities or infrastructure for the bulk transportation of dangerous goods – in liquid form, outside an industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 50 cubic metres per day.

Application for environmental authorisation for activities listed in GN. R 545 requires that a Scoping and EIA process be undertaken, as such, an application in this regard was submitted to NWDEDECT on 21 Sept 2012.

Furthermore, the proposed pipeline route will cross a watercourse, and a proposed pollution control dam and an emergency slurry catchment dam will be constructed. The following water use activities listed under Chapter 4, Section 21 of the National Water Act (No. 38 of 1998) (NWA) may be relevant and may require authorisation in the form of a general authorisation or new/amended Water Use License:

- 21 (c): impeding or diverting the flow of water in a watercourse,
- 21 (i): altering the bed, banks, course or characteristics of a watercourse, and
- 21 (g): disposing of waste in a manner which may detrimentally impact on a water resource.

### 4. Public Participation Process

WSP are to undertake a transparent and comprehensive public participation process in accordance with GN. R 543 of NEMA, Section 10 of the MPRDA and section 3 of the GN. R 26275 (MPRDA). WSP will ensure that all Interested & Affected parties are given sufficient opportunity to voice comments, concerns and/or queries relating to the project. WSP will ensure that the DMR is informed of any and all outcomes of the process. Please do not hesitate to contact the undersigned should you have any queries.

Regards,

Sha

Jared O'Brien Consultant Tel: 011 361 1396 Fax: 086 505 3939 Email: Jared.OBrien@wspgroup.co.za

### **MEETING NOTES**



Project Title	
Date	13/09/2012
Time	14:00-15:00
Venue	Vaal University of Technology Building, c/o Voortrekker & Margaretha Prinsloo Streets, Klerksdorp, 2570.
Subject	DMR Notification Meeting
Present	Catherine Greengrass (CG); Alex Kinmont (AK); Nishi Haripursad (NH) and Phumudzo Nethwadzi (PN)
Apologies	N/A
Attachments	Appendix A – Meeting Presentation Appendix B – Attendance Register

WSP Environment & Energy South Africa WSP House Bryanston Place 199 Bryanston Drive Bryanston 2191 Tel: +27 11 361 1384 Fax: +27 86 556 9717 www.wspenvironmental.co.za

MATTERS ARISING	ACTION					
Welcome and Team Introductions						
CG introduced the attendees and thanked all for attending the meeting						
Topics Discussed						
1. <u>General Matters</u> CG indicated that WSP has submitted an environmental authorisation application form to the NW DEDECT in terms of NEMA due to certain activities falling outside of the mine lease area. CG explained that the purpose of the current meeting is to inform the DMR of the environmental authorisation process to be undertaken. CG indicated that she will submit the scoping report to the DMR once complete for the Departments subsequent review.	N/A					
<ol> <li>Project location</li> <li>NH indicated by the use of an A2 project layout locality map where each of the major components of the project lie.</li> </ol>	N/A					

MATTERS ARISING	ACTION
3. <u>Presentation</u> CG ran through the presentation as indicated in <i>Appendix A</i> . The following points were discussed in additional detail and have therefore been indicated below.	
NH added to the project description by indicating that Klipfontein is to come to the end of its life in the near future. As such, Anglo intend to re-process the tailings material from the Waterval Tailings Storage Facilities (TSF). The tailings material will be pumped via a pipeline (AK described the route which will be followed by the pipeline) to the Western Limb Tailings Retreatment Facility. PN questioned the final destination of the tailings which will result from the process. NH and CG explained that the tailings will be transferred via an existing pipeline to the Hoedspruit TSF, which has the capacity to store all the tailings material resulting from the process. AK further described that the height of the Hoedspruit TSF will need to be increased to accommodate the Waterval tailings material. PN queried the need to upgrade the Hoedspruit TSF in terms of the structure of the facility. CG responded indicating that the project team is investigating the structural upgrade requirements.	N/A
CG indicated that a pollution control dam (PCD) will be constructed for the project. CG indicated (within the presentation) that a WUL amendment may be required for the project however, the WUL will include the said river crossings and not the PCD due to the volume being under the legislated capacity.	N/A
CG described the proposed public participation process which WSP intent to undertake. PM responded by emphasising the need to be very comprehensive in the process to ensure that all stakeholders are included to avoid public issues at a later stage in the project. PN added that WSP should address all the potential anticipated social and environmental impacts which may arise as a result of the project.	WSP
<ul> <li>4. <u>Additional points raised by PN</u></li> <li>PN stated that WSP need to ensure that continuous correspondence is maintained with the Department to avoid unnecessary delays of the process.</li> </ul>	WSP
PN put emphasis on the quality of information provided in environmental reporting. He explained the need to ensure that all the information provided is relevant to the project, concise and auditable.	WSP
5. <u>Current unrest in the mining industry</u> CG raised the current unrest in the mining industry as a point of concern. CG asked for advice for PN on the approach WSP is to undertake in terms of public participation. PN responded indicating that the current situation on the ground will settle down over time. PN indicated that he does not believe the unrest will impact on the public participation process as the majority of people who will be engaged will be members of the general public and not necessarily members of Anglo or any other mining organisation. PN went on to say that public unrest cannot be ruled out during the process and the team must ensure that appropriate risk assessments are conducted prior to going to site.	Anglo/ WSP
Close Meeting	
CG indicated the meeting closed	
Distribution: All Present	

Appendix A – Meeting Presentation Appendix B – Attendance Register www.wspenvironmental.co.za

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ATTENDANCE REGISTER

# DMR NOTIFICATION MEETING

**DMR NOTIFICATION MEETING/13 SEPTEMBER 2012** 

### 13 SEPTEMBER 2012

THE PROPOSED RE-PROCESSING OF THE WATERVAL TAILINGS STORAGE FACILITIES AT RPM

ATTENDANCE REGISTER

Your ref: Re-mining of Waterval Tailings Storage Facilities (TSFs) Rustenburg, North West Province Our ref: 28006



20 August 2012

Attention: Mr. NS Mukhola (Office E10)

Department of Agriculture, Conservation, Environment and Rural Development Agricentre Building Cnr. Dr. James Moroka & Stadium Road Mmabatho 2735

Dear Mr Mukhola

### Application Form: Environmental authorisation process proposed Re-mining of Waterval Tailings Storage Facilities (TSFs) Rustenburg, North West Province.

Please find attached herewith five copies (one original and four photocopies) of the required application form submitted on behalf of the proponent, Anglo American Platinum: Rustenburg Platinum Mines Limited, for the proposed Re-mining of Waterval Tailings Storage Facilities (TSFs) Rustenburg, North West Province.

Should you have any queries, please do not hesitate to contact the undersigned

Yours faithfully

Catherine Greengrass Senior Consultant Tel: 011 361 1395 Email: catherine.greengrass@wspgroup.co.za

 WSP Environmental (Pty) Ltd

 WSP Hcuse

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 199 Bryanston Drive

 Bryanston, 2021

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 Reg. No: 1995/08790/07

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### the **DEDECT**



Department: Economic Development, Environment, Conservation and Tourism North West Provincial Government Republic of South Africa

Agricentre Building Cnr. Dr. James Moroka & Stadium Road Private Bag X2039, Mmabatho, 2735

### DIRECTORATE: ENVIRONMENTAL QUALITY & PROTECTION

Tel: (018) 389 5959/ 5156 Fax: (018) 389 5006 Smukhola@nwpg.gov.za

### APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number: NEAS Reference Number: Date Received: (For official use only)

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

### PROJECT TITLE

The re-mining of the Anglo American Platinum, Waterval Tailings Storage Facilities (TSFs) located in Rustenburg, North West Province (refer to Locality Maps – Appendix 1)

### Kindly note that:

- 1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
- The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
- 3. Where applicable black out the boxes that are not applicable in the form.
- 4. Incomplete applications may be returned to the applicant for revision.
- 5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
- 6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
- 7. No faxed or e-mailed applications will be accepted.
- 8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

Queries must be addressed to the contact hereunder:

### Departmental Details/Provincial Authority

Postal address: Department of Agriculture, Conservation, Environment and Rural Development Attention: Director: Environmental Quality and Protection Private Bag X2039 Mmabatho 2735

Physical address: Department of Agriculture, Conservation, Environment and Rural Development Agricentre Building Cnr. Dr. James Moroka & Stadium Road Mmabatho 2735

Queries should be directed to the Directorate: Environmental Quality and Protection at:

Tel: 018-389 5959/5156 Fax: 018-389 5006

Applications to be couried for attention Mr. NS Mukhola Office E10

### SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

Т	0	J	Q	0	0	0	0	0	0	0	0	0	2	9	8	0	0	0	0	0
Т	0	J	Q	0	0	0	0	0	0	0	0	0	2	9	8	0	0	0	1	9
Т	0	J	Q	0	0	0	0	0	0	0	0	0	2	9	8	0	0	0	0	5
Т	0	J	Q	0	0	0	0	0	0	0	0	0	2	9	9	0	0	0	2	3
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	5
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	4	6
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	9
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	4	7
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	3

Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	0
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0
Т	0	J	Q	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	9

(if there are more that 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

### PROJECT TITLE

The re-mining of the Anglo American Platinum, Waterval TSFs located in Rustenburg, North West Province.

### 1. BACKGROUND INFORMATION

Project applicant:	Anglo American Platinum: Rustenburg	Platinum Mine	s Limited
Trading name (if any):	Anglo Platinum Management Services	(Pty) Ltd	
Contact person:	Danie Vermaak		
Physical address:	WLTR Plant,		
	Rustenburg,		
	South Africa.		
	25° 41' 15.55" S 27° 23' 49.62" E		
Postal address:	P.O. Box 8202,		
	Rustenburg.		
Postal code:	0300	Cell:	+27 83 4550967
Telephone:	+27 14 598 3422	Fax:	-
E-mail:	danie.vermaak@angloamerican.com		
Landowner:	Refer to Appendix 2 for property and la	andowner inform	nation
Contact person:			
Postal address:			
Postal code:			
Telephone:			
E-mail:			
	In instances where there is more		•
	landowners with their contact details to	this application	n
Local authority in whose	Rustenburg Local Municipality		
jurisdiction the proposed			
activity will fall:			
Nearest town or districts:	Rustenburg Rural		
Contact person:	Kelebogile Mekgoe		
Postal address:	-	0.1	
Postal code:	-	Cell:	-
Telephone:	014 590 3185	Fax:	014 590 3070
E-mail:	kmekgoe@rustenburg.gov.za		We have been all a larger of the days in the
	In instances where there is more than		
	of local authorities with their contact de	etails to this app	
	N/A		

### 2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

### Brief project Description

Anglo American Platinum: Rustenburg Platinum Mines (RPM) is situated in Rustenburg, in the North West Province. The Waterval TSFs (West and East TSFs), which are positioned in the RPM lease area, are located 4 km's east of the town of Rustenburg, 1.5 km's west of Bokamoso, 3.5 km's North of Waterkloof and 3.5 km's South of Boitekong. The Waterval TSFs were previously used to discard tailings material resulting from mineral processing operations. Following tests conducted on the TSFs, latent reserves have been identified that warrant the remining of the tailings dams. The re-mining of the Waterval TSFs was authorised in 2002 however, there have been changes to proposed infrastructure and the layout of the project, which require an amendment to the EMPR (2002) and environmental authorisation. In addition to this, the NEMA listed activities came into effect after 2002 and will therefore require authorisation before commencement. NEMA activities have been indicated in the table below.

The re-mining process involves the use of hydraulic hoses, which sluice the mining face. The resulting slurry collects in a sump via a system of drains or launders. The slurry will then be pumped (via a proposed pump station and pre-treatment plant) through a proposed pipeline to the Western Limb Tailing Retreatment (WLTR) Plant at which point the minerals contained in the tailings material will be extracted from the slurry. The WLTR Plant was initially constructed to retreat tailings material from the Klipfontein TFS, which are located 6km's south east of the Waterval TFSs. The re-mining of the Klipfontein TSF is expected to reach completion in 2015, at which point the re-mining of the Waterval TSFs will need to be initiated.

The process, design and layout changes to the re-mining of the Waterval TSFs project include: the addition of 4 new IsaMillsTM within Mainstream Inert Grinding (MIG) applications in the WLTR Plant facility; an alteration to the location of the proposed pump station with the inclusion of a pre-treatment plant; the construction of one booster pump station along the pipeline, an amendment to the proposed pipeline route and the construction of a pollution control dam (PCD) and other associated infrastructure. An amendment to the height of the Hoedspruit TSF is also proposed. A detailed project description will be included in the Scoping Report.

WSP Environmental and Energy (WSP) has been appointed as the independent environmental assessment practitioner (EAP) to facilitate the stakeholder engagement process and undertake the required environmental authorisation process.

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Describe each listed activity as per project description <sup>1</sup> :
GNR 544, 18 June 2010	9 (i) (ii)	<ul> <li>The construction of facilities or infrastructure exceeding 1000 metres in length for the bulk transportation of water, sewerage or storm water-</li> <li>(i) With an internal diameter of 0.36 metres or more; or</li> <li>(ii) With a peak throughput of 120 litres per second or more,</li> </ul>
		<ul> <li>Excluding where:</li> <li>a. Such facilities or infrastructure are for bulk transportation of water, sewerage or storm water or storm water drainage inside a road reserve; or</li> <li>b. Where such construction will occur within urban areas but further than 32 metres from a watercourse, measured from the edge of the watercourse.</li> </ul>
GNR 544, 18 June 2010	10	The proposed development entails the construction of a slurry pipeline and a return water pipeline between the Waterval tailings and the Western Limb Tailings Retreatment Plant (WLTR). The construction of facilities or infrastructure for the transmission and distribution of electricity (i) outside urban areas or industrial complexes with a capacity of more than 33 kV but less than 275 kV; or (ii) inside urban areas or industrial complexes with a capacity of 275 kV or more.
GNR 544, 18 June 2010	11 (iii)	Power lines may need to be relocated/extended in order to bring power to a proposed pre-treatment facility. The construction of bridges where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.
GNR 544, 18 June 2010	18 (i)	The proposed slurry pipeline will cross watercourses at three different points on route to the WLTR plant. The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock or more than 5 cubic metres from watercourse.

<sup>&</sup>lt;sup>1</sup> Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

	The proposed pipeline may cross a watercourse. This will be investigated in the EIA process.
22	<ul> <li>The construction of a road, outside urban areas,</li> <li>I. With a road reserve wider than 13.5 metres or,</li> <li>II. Where no reserve exists where the road is wider than 8 metres.</li> </ul>
	Access roads may be required. This will be determined in the EIA.
23	<ul> <li>The transformation of undeveloped, vacant or derelict land to-</li> <li>(i) Residential, retail, commercial, recreational, industrial or institutional use, inside an urban area, and where the total area to be transformed is 5 hectares or more, but less than 20 hectares, or</li> <li>(ii) Residential, retail, commercial, recreational, industrial or institutional use, outside an urban area, and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares.</li> </ul>
47	The widening of a road by more than 6 meters, or the lengthening of a road by more than 1 kilometre – (i) where the existing reserve is wider than 13.5 meters; or (ii) where no reserve exists, where the existing road is wider than 8 meters – excluding widening or lengthening occurring inside urban areas.
	Existing roads may need to be upgraded.
6	<ul> <li>The construction of facilities or infrastructure for the bulk transportation of dangerous goods –</li> <li>In gas form, outside an industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 700 tons per day;</li> <li>II. In liquid form, outside an industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 50 cubic metres per day; or</li> <li>III. In solid form, outside an industrial complex, using funiculars or conveyors with a throughput capacity of more than 50 tons per day.</li> </ul>
	47

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

### 3. SOCIO-ECONOMIC BENEFITS

3.1 What is the expected capital value to be contributed for North West Province Growth Domestic Product? The total cost of the project is valued at R1 274 078 148.

3.2 How many new employment opportunities will be created in the development phase? Information pertaining to employment will be provided as part of the Scoping and EIA process.

3.3 How many permanent employment opportunities will be created during operational phase? Information pertaining to employment will be provided as part of the Scoping and EIA process.

### 4. OTHER AUTHORISATIONS REQUIRED

### 4.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

4.1.1 National Environmental Management: Waste Act	/No
4.1.2 National Environmental Management: Air Quality Act	/No
4.1.3 National Environmental Management: Protected Areas Act	/No
4.1.4 National Environmental Management: Biodiversity Act	/No
4.1.5 Mineral Petroleum Development Resources Act	Yes/
4.1.6 National Water Act	Yes/
4.1.7 National Heritage Resources Act	/No
4.1.8 Other (please specify)	/No
4.2 Have such applications been lodged already?	/No

### 5 ACTIVITY POSTITIONS

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

Alternative:	Latitude (S):	Longitude (E):
Alternative S1 <sup>2</sup> (preferred or only site alternative)	25° 39'	12.25" 27° 18' 34.98"
Alternative S2 (if any)		
Alternative S3 (if any)	0	n 0 i n

NOTE: The coordinates above are for the Waterval TSFs, where the main activity remining will occur. Refer Appendix 1 for the locations of all other project infrastructure.

Alternatives will be investigated during the Scoping and EIA Process and information will be provided in Scoping and EIA Report.

In the case of linear activities: Pipeline Route - Alternative (Preferred):

Latitude (S):

Longitude (E):

Alternative S1 (preferred or only route alternative)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

25°	39'	22.25"	270	18'	40.01"
25°	40'	10.25"	270	21'	09.43"
25°	41'	07.39"	27°	23'	51.38"

Alternatives will be investigated during the Scoping and EIA Process and information will be provided in the Scop and EIA Report.

<sup>&</sup>lt;sup>2</sup> "Alternative S.." refer to site alternatives.

### 6. DECLARATIONS

6.1 The Applicant

OJR Vermaak

declare that I -

- arm, or represent<sup>o</sup>, the applicant in this application;
- have appointed an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application<sup>7</sup>;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but
  not limited to
  - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any
  liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment
  practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations; all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

Signature of the applicant<sup>8</sup>/ Signature on behalf of the applicant:

Name of company (if applicable):

D.J.R. VERMAAK

Date:

<sup>08/08/2012</sup> 

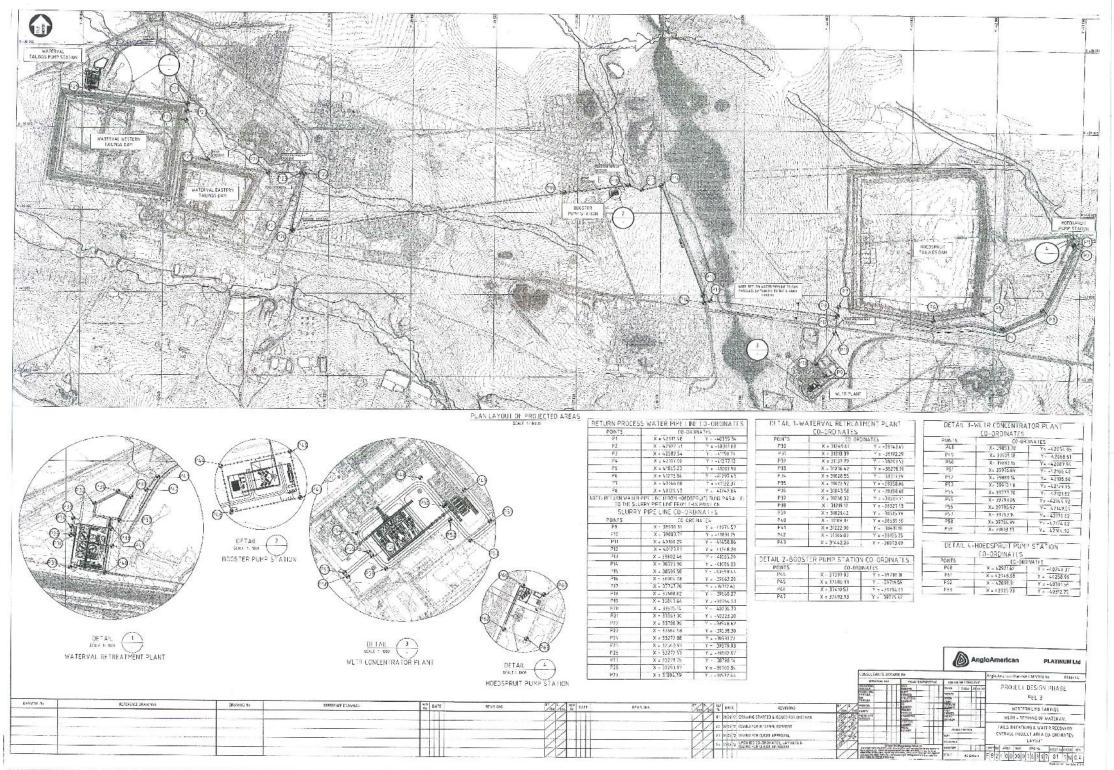
<sup>&</sup>lt;sup>6</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

<sup>&</sup>lt;sup>7</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

<sup>&</sup>lt;sup>8</sup> If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

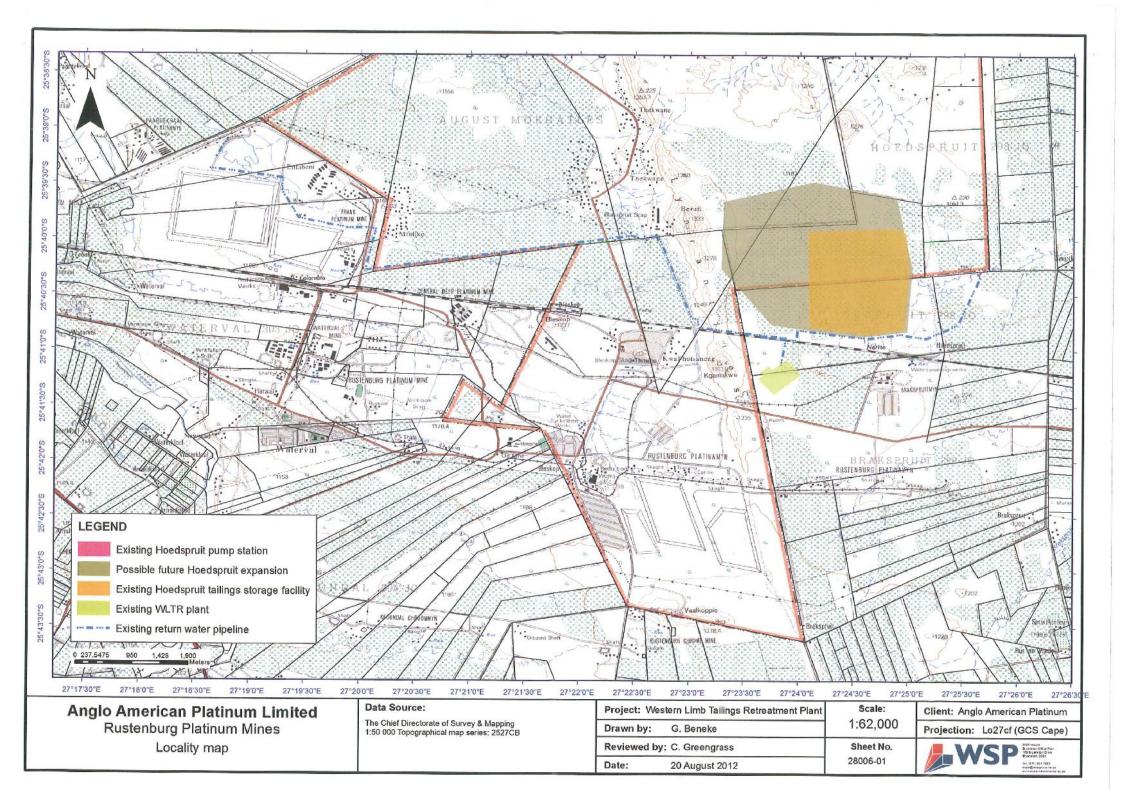
### **APPENDIX 1: LOCALITY MAPS**

- Drawing showing project area, with proposed infrastructure
- Locality map showing the project area showing property boundaries (without proposed new infrastructure)



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### **APPENDIX 2: AFFECTED PROPERTY OWNER INFORMATION**

Land Landstein						
Landowner:	Anglo American Platinum: Ruster	nburg Platinum	n Mines Limited			
Contact person:	Andre Britz					
Postal address:	Anglo Platinum Limited,					
	CENTRAL SERVICES,					
	Klipfontein Main Offices,					
	Bleskop Road,					
	Rustenburg,					
	South Africa.					
Postal code:	0300	Cell:	+27 (0) 83 455 8874			
Telephone:	+27 (0) 14 598 1109	Fax:	+27 (0) 14 598 1153	1		
E-mail:	andre.britz@angloamerican.com			-		
				- '		
Landowner:	Royal Bafokeng Administration			_		
Contact person:	Modisaotsile Mokate		1	_		
Postal address:	PO Box 1			_		
1 Ostal add(033,	Phokeng					
	South Africa					
Postal code:	0335	0.1		_		
Telephone:		Cell:		_		
E-mail:	+27 (0) 14 566 1200	Fax:		_		
	Modisaotsile.Mokate@bafokeng.co	m				
Landowner:	Fike Trust			٦		
Contact person:	George Khunou, Managing Directo	or				
Postal address:	PO Box 1, Phokeng, South Africa			-		
Postal code:	0335 Cell: 083 653 5621					
Telephone:	014 566 0000 Fax: 014 566 1296					
E-mail:	george@bafokengsports.co.za					

george@bafokengsports.co.za

### the **DEDECT**



Department: Economic Development, Environment, Conservation and Tourism North West Provincial Government Republic of South Africa

Agricentre Building Cnr. Dr. James Moroka & Stadium Road Private Bag X2039, Mmabatho, 2735

### DIRECTORATE: ENVIRONMENTAL QUALITY & PROTECTION

Tel: (018) 389 5959/ 5156 Fax: (018) 389 5006 Smukhola@nwpg.gov.za

### DETAILS OF EAP AND DECLARATION OF INTEREST

File Reference Number: NEAS Reference Number: Date Received: (For official use only)

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

### PROJECT TITLE

The re-mining of the Anglo American Platinum, Waterval Tailings Storage Facilities (TSFs) located in Rustenburg, North West Province

Environmental Assessment Practitioner (EAP):1	WSP Environment and Energy (Pty) Ltd				
Contact person:	Catherine Greengrass				
Postal address:	PO Box 5384, Rivonia				
Postal code:	2128	Cell:	079 501 5303		
Telephone:	011 361 1395	Fax:	086 86 240 0693		
E-mail:	Catherine.greengrass@wspgroup.co.za				
Professional affiliation(s) (if any)	N/A				

Project Consultant:	TWP Projects (pty) Ltd			
Contact person:	Alex Kinmont			
Postal address:	PO Box 61232, Marshaltown			
Postal code:	2107	Cell:	082 806 0577	
Telephone: E-mail:	011 218 3472 akinmont@twp.co.za	Fax:	0861 897 329	

### 4.2 The Environmental Assessment Practitioner

Catherine Greengrass

I, , declare that –

General	dec	laration:	
Conoran	acon	and allorn.	

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any
  guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that
  reasonably has or may have the potential of influencing any decision to be taken with respect to the application by the
  competent authority; and the objectivity of any report, plan or document to be prepared by myself for submission to the
  competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to
  interested and affected parties and the public and that participation by interested and affected parties is facilitated in
  such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to
  provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are
  submitted to the competent authority in respect of the application, provided that comments that are made by interested
  and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the
  report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the
  application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms
  of section 24F of the Act.

### Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity
proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations,
2010;

Signature of the environmental assessment practitioner:

### WSP Environment and Energy (Pty) Ltd

Name of company:

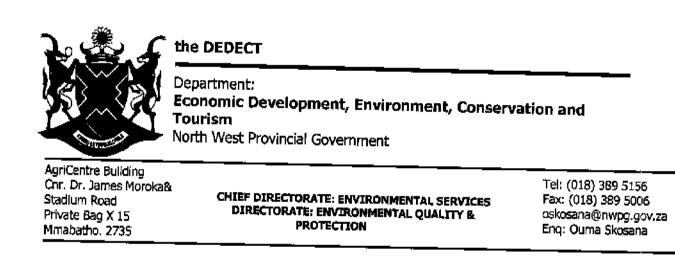
2012 08 20 Date: Signature of the Commissioner of Oaths: 8 2017 20 Date: CA (SA Designation:

Official stamp (below)

### COMMISSIONER OF OATHS

Johan Janse van Rensburg CA (SA) Commissioner of Oaths (RSA) 8 Orchard Avenue, Bordeaux Randburg 2194, South Africa

Reference: NWP/EIA/73/2012



Attention: Danie Vermaak Anglo American Platinum: Rustenburg Platinum Mines P.O Box 8202 RUSTENBURG 0300

Tel No.;	(014) 598 3422
Cell No.:	083 455 0967
Fax No.:	086 760 3082

Dear Sir

APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RE-MINING OF THE ANGLO AMERICAN PLATINUM, WATERVAL TAILINGS STORAGE FACILITIES (TSFs) AT RUSTENBURG, ACTIVITIES NUMBER 9(i) (ii), 10, 11(iii), 18(i), 22 & 47 IN GN. NO. R. 544 AND ACTIVITY NUMBER 6 IN GN. NO. R. 545 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998, (Act No 107 of 1998), RUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE

We confirm having received the above mentioned Application Form for Environmental Authorisation on 28 August 2012 and the Application Form has been **accepted**.

Activity number 10 of Government Notice No. R. 544 must be applied to National Department of Environmental Affairs separately.

Please note the application has been assigned to **Mr. Robert Nemanashi**, Rustenburg Office, reachable at (014) 597 3597. This file reference number is **NWP/EIA/73/2012**. Kindly quote this **reference number** and the **name of the officer** it has been assigned to in any future correspondence in respect of the application including notification to be used for public participation.

### You are requested to submit future correspondences pertaining to this application to the relevant officer or office where he is based to this address:



### 80 Kerkstraat Rustenburg 0299

Please draw the applicant's attention to the fact that the activity may not commence prior to an Environmental Authorisation being granted by the Department.

If you need any clarification about this acknowledgement letter please contact Ms Ouma Skosana at (018) 389 5156.

Yours Faithfully

Mr: Steven Mukhola Environmental Officer Control Grade B: Development Impact Management Department of Economic Development, Environment, Conservation and Tourism

Date: 10/09/ つっレ

# NW DEDECT SITE VISIT/07 FEBRUARY 2013

## **NW DEDECT Site Visit**

The Proposed Re-Processing of the Waterval Tailings Storage Facilities at RPM

07 February 2013

### ATTENDANCE REGISTER

Name Donilla Bleede	Company WSP	Designation Env. Lons	Contact details (Tel/Fax/Email) Tel: 082 3511774 Fax: Email: downilla. bleedel@Wsfgrauf.co.za Tel: 011 373 6744
Cipppy Radding	Angle Plant	Social Advisor	Tel: CII 373 6744 Fax: Email: Inbly redding Dandodmerican.com
MEX KINMONT	TEP	PROJECT MGG	Tel: ロタン るい Fax: Email: んいんから
HENRE	Two	Pipery.	Tel: Fax: Email: holyppenad @ Jevp. ce.70
Jaco Geldenhuys	TWP	Engineering	Tel: 082 329 8612 Fax: Email: Jgeldenhuys@tupco.29

### NWDEDECT Site Visit

www.wspenvironmental.co.za

NW DEDECT SITE VISIT/07 FEBRUARY 2013

ATTENDANCE REGISTER

Signature	ANN A	the for the second seco		All	A.	3	
Contact details (Tel/Fax/Email)	Tel: 0834638/39 Fax: Email: John Condond Con	Tel: 82 810 6709" Fax: Email: Jeytrey, kopong Daughenerger. Con	Tel: MISSE for U Fax: Email: Witelland august, co. 201	Tel: 014 597 3597 Fax: 014 592 3553	Fax: Email: 10 100, 00000 (2000)	Tel: Fax: Email:	Tel: Fax: Email:
Designation	fle-minig Ougreer	ENV. ASSISTENT	CSO	O.J.	Envisormeta		
Company	geno	Angle	Jurio	NW NEBECT	N.S.		
Name	Tuen. I	Enofex . [	H. Selle Jerry	Robert Alemaneshi	O'Brien		

www.wspenvironmental.co.za

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Appendix 2: WSP Capability Statement



### WSP Environment & Energy Capability Statement





### CORPORATE PHILOSOPHY, STRUCTURE AND SERVICES

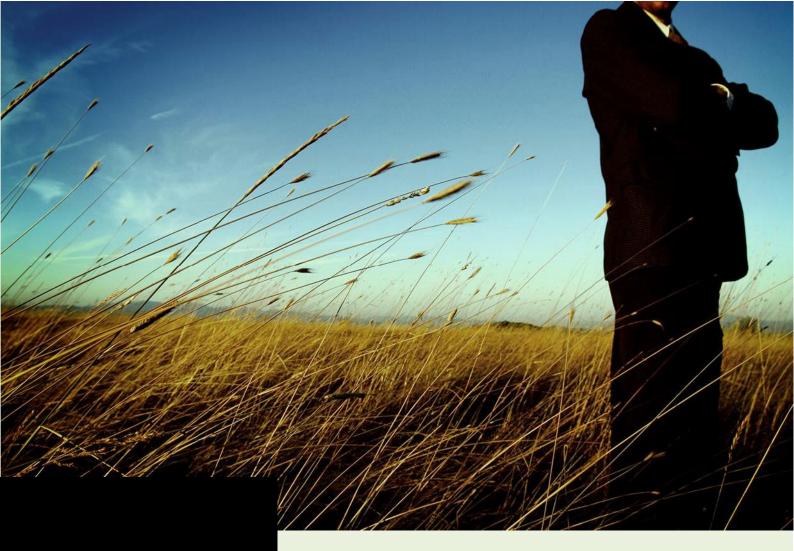
### Our Vision

Our vision is to provide an independent, innovative and professional service whereby we strive to achieve a balance between environmental protection, social desirability and economic development. WSP Environment & Energy (WSP) is a leading South African environmental consultancy with a broad range of expertise and over 20 years experience in the regional environmental market. Whilst we are operated by WSP Environmental Ltd, a global environment and energy consultancy listed on the London Stock Exchange (WSP Group plc), we are also committed to transformation in our operational region having achieved Level 4 BEE compliance in South Africa. As part of a global business we provide the regional marketplace with a dynamic blend of local and global expertise.

WSP's Environment and Energy has offices in Durban, Cape Town, Johannesburg and Pietermaritzburg. WSP is owned by WSP Group Africa Ltd, a 900-member strong subsidiary of WSP Group plc, an international FTSE 250 management, engineering and built environment consultancy, with 10,000 employees worldwide, which is listed on the London Stock Exchange. As part of WSP Group, we have access not only to a broad range of environmental and sustainability specialists, but to leading international engineers across the full range of disciplines: energy, electrical, civil, and structural, among others.

WSP has received a number of international awards for our contribution to sustainable development including the Acquisitions Monthly Environmental Advisor of the Year Award for 2010, and the Winner of the 2009 and 2010 Big Tick Award for Climate Change, awarded by the Prince of Wale's Business in the Community charity, based upon our global climate change consulting services to clients.





### Our Values

Trust Sharing and Supporting Pride and Passion Sustainability Innovation By incorporating our principles of Trust, Sharing and Support, Pride and Passion, Sustainability and Innovation into our day to day operations, we are able to deliver an independent, insightful and professional service to our clients to achieve a balance between environmental protection, social desirability and economic development.

Stronger regulatory control, market pressures, stakeholder awareness and global concerns, have caused businesses to adopt an innovative, proactive approach to the evaluation of environmental issues. The provision of sound environmental advice is therefore becoming an essential ingredient for progressive business management and success. By fully understanding our clients business, associated operations and requirements, and combining this knowledge with our strong legal and technical competence we are able to provide our clients with sound strategic advice and improved environmental performance.

We pride ourselves on our reputation for delivery and technical excellence and provide a broad range of environmental and energy related services across a range of economic arenas including the industrial, mining, financial, tourism and public sectors.

### STAFF WELFARE

Creating the optimum social and environmental framework for staff is essential if we are to attract and retain the intellectual capital that sets our business apart from our competitors. We actively promote capacity building through staff and knowledge transfers between our international offices.



### **OUR SERVICES**

WSP brings to the South African marketplace a dynamic blend of local expertise and global cutting-edge technology. Being part of a large global company, we are also able to draw on considerable international resources and expertise accumulated over many years.

We have a well established team of environmental scientists and our team can provide a range of environmental solutions to businesses in the following fields:

- Air Quality Management
- Asbestos Surveys
- Climate Change Adaptation and Mitigation Strategies
- Contaminated Land and Remediation
- Corporate Social Responsibility
- Due Diligence, Compliance and Liability Audits
- Energy Efficiency and Management
- Energy Project Development and Investment
- Environmental Engineering
- Environmental Management Systems
- Environmental Project Management
- Human Health and Ecological Risk Assessment
- Environmental Toxicology
- Environmental Training
- Geotechnical Investigations
- Groundwater Monitoring and Modelling
- Integrated Environmental Management
- Public Participation Programs
- Renewable Energy
- Surface Water Hydrology
- Sustainability Management Systems
- Sustainability Reporting
- Sustainable Solutions
- Waste Engineering
- Waste Management, Waste Characterisation and Delisting





There is a growing awareness that if an organisation or project is to succeed in the 21st century it will need to meet new challenges by working in partnership with key stakeholders and integrating social and environmental factors into business decisions alongside the more traditional economic issues. We deliver proactive sustainability solutions, offering real business benefits, which include reducing operating costs, protecting corporate reputations and meeting stakeholder aspirations in society.

### CORPORATE SUSTAINABILITY

### Our key capabilities and services include the following:

- Corporate Sustainability Strategy, Reporting and Verification
- Benchmarking Tools (e.g. Sustainability Assessment Technique)
- Sustainability and Value Management Systems
- Corporate Governance and Communicating with Stakeholders (King and Turnbull Reports)
- Community Enhancement and Corporate Citizenship
- Teambuilding and Employee Volunteering Programmes
- Green Procurement
- Energy Efficiency, Renewable Energy and Climate Change Strategies
- Waste Management and Eco-labelling
- Local, Regional and National Strategy Planning (e.g. Local Agenda 21 policy and plans)

Our Sustainability Assessment Technique (SAT) is designed to visually represent the assessment, and superimposed onto it are the impacts associated with a development. Used throughout the project life cycle, it will identify the threats and opportunities associated with the development.





A changing climate threatens those businesses that cannot adapt in an efficient manner. How businesses adapt can influence the longevity and profitability of your business. WSP assesses the climate change risk to business using holistic outlook taking into account economic, social and environmental factors. Incorporating business resilience, resistance and continuity plans will ensure your business can react positively to a business interruption and will be in a far better position to prevent, survive, prosper and gain prepared competitors.

### CLIMATE CHANGE ADAPTATION AND MITIGATION STRATEGIES

WSP offers an integrated approach to business climate risk management, utilising global expertise across all spheres. Our offering can be adapted to meet the needs of your business.

### Our basic capabilities include the following:

- Climate Risk and Opportunity Assessments
- Detailed Carbon Inventory Analyses
- Business Adaptation Strategy
- Assisting with Carbon Disclosure Project (CDP) responses
- Renewable Energy and Energy Efficiency
- Carbon finance services:
  - Assisting with access to specialised finance for sustainable energy investments.
  - Carbon Credit projects (Kyoto CDM, voluntary market etc.)
  - Supporting client transactions via carbon offset market.

### FOOTPRINTING SERVICES

Responding to climate change can be best perceived as a journey, starting with Greenhouse Gas (GHG) inventory and acquiring an understanding your organisation's climate change risks. Further development of this response includes exploring the broader environmental impacts of products and embedding sustainability of one's of climate change specialists, but experts across various environmental disciplines, including sustainability, toxicology, ecology and waste management. WSP are specialists in the field of footprinting – from life cycle assessments for Apple's Macbook laptops, water footprinting for GlaxoSmithKline, ecological footprinting for the City of London or carbon emissions modelling for the South African recycled oil industry, we have a proven track record in developing solutions to our clients' sustainability needs.

### WSP's footprinting services include:

- Comprehensive Product Life Cycle Assessment (LCA)
- End-to-End Carbon Footprinting and Carbon Labelling (PAS2050 methodology)
- Water Footprinting
- Ecological Footprinting





Understanding energy usage and potential efficiency gains within a business or industry sector is becoming increasingly important in a world of tightening legislative requirements and increased pressure from governments and business shareholders to lower carbon emissions resulting from production processes. We are able to operate in close co-operation with the WSP Energy Africa group and Green Buildings Business of WSP, and in house engineering teams to provide energy advice on efficiency options in line with the needs of individual business requirements.

## ENERGY MANAGEMENT AND EFFICIENCY

#### Our integrated services include:

- Energy risk analysis
- Process alternatives assessment
- Business, industry or country specific assessments of energy efficiency potential
- Development of solution implementation plans

## Specialist services offered by WSP Green Building Services include:

- Sustainability in the built environment consultants
- Consulting to professional team to assist in designing sustainable buildings
- Facilitate and administer Green Star accreditation process
- Architectural, urban and engineering background





Integrated Environmental Management (IEM) covers all aspects of environmental management in the project life cycle, from planning and design, to construction, operations, decommissioning and closure.

## INTEGRATED ENVIRONMENTAL MANAGEMENT

## We offer environmental services appropriate to all project phases such as:

- Risk assessments and fatal flaw analyses
- Scoping studies
- Route/site/process alternatives assessment
- Public participation programmes
- Environmental impact assessments
- Environmental management plans
- Environmental management programmes
- Environmental monitoring of construction and operational activities
- Closure plans

Our studies are all conducted according to the regulatory frameworks of the countries in which we operate, so that we can obtain regulatory approval for our clients. Internationally funded projects are carried out in the manner specified by the lending agency and to world standards of best environmental practice.

## In particular, we have experience in the following business sectors:

- Mining
- Infrastructure development (power lines, pipelines, roads, telecommunications)
- Building construction
- Manufacturing
- Industry
- Eco-tourism
  - Water development projects
  - Waste disposal
  - Community development





Public participation involves a process resulting in improved decision-making. The process should lead to a joint effort by stakeholders, technical specialists, the authorities and the proponent who work together to produce more informed decisions.

Strong and independent facilitation, coupled with the necessary empathy for people's concerns, is required during meetings with stakeholders. At times, it is necessary to direct stakeholder concerns to the authorities rather than to the proponent.

## STAKEHOLDER ENGAGEMENT

WSP offers comprehensive stakeholder engagement services, which include the following:

- Design of public participation processes
- Identification of stakeholders
- Compilation and maintenance of stakeholder databases
- Co-ordination and facilitation of public meetings, stakeholder workshops, multi-sectoral meetings and Open Houses/Days
- Compilation of proceedings of meetings and verification of issues
- Compilation of issues trails
- Liaison with authorities, clients and stakeholders to facilitate negotiations
- Report compilation detailing public participation process on projects





WSP provides strategic advice and operational support to a range of clients across five continents. We strongly believe that our team is at the forefront of Environmental Systems (EMS) in a way, which integrates environmental issues into existing business systems and operations.

## ENVIRONMENTAL MANAGEMENT SYSTEMS AND TRAINING

#### In particular we can offer the following services:

- Raising awareness and providing information on the full range of EMS approaches and recognised standards (e.g. EMAS, ISO 14001:2004 series, OHSAS 18000 etc)
- Advanced training for EMS implementation and auditing
- System design, gap analysis and implementation on specific projects including the development of procedures
- Auditing throughout the development of an EMS and identification of the potential for system improvement and pre-preparation audits
- Development and review of legal registers
- Software based implementation tools and training
- Supply chain management protocols and coaching programmes
- Certified EMS Implementation Training Course
- Certified EMS Internal Auditors Training Course

Our EMS Team can draw on experience of EMS work across a broad range of economic sectors including: construction, manufacturing (e.g. BMW), mining, financial services, government agencies and departments and office based organisations.





The Air Quality Unit (AQU) offers in-depth experience in all phases of air quality management, from calculation of emissions inventories, developing and implementing monitoring programs, air quality modelling in support of Environmental Impact Assessments or permit applications to designing pollution abatement strategies and emission control systems.

# AIR QUALITY MONITORING AND DISPERSION MODELLING

State of the art equipment, coupled with strategic modelling and risk assessment techniques enable WSP to evaluate problems accurately and engineer workable solutions to complex and potentially costly environmental issues.

#### Our core air quality management services include:

- Source, fence line and ambient air quality monitoring
- Air emissions inventories
- Atmospheric source-dispersion modelling
- Meteorological monitoring and data analysis
- Best practical available technology assessment
- Pollution controls system and cost-benefit analysis
- Quantitative health risk assessments for hazardous air pollutants
- Occupational health and safety monitoring
- Greenhouse emissions and carbon footprinting





The Contaminated Land Unit (CLU) in WSP offers consulting services, ranging from site assessment and investigation through to risk assessment, and contracting services ranging from environmental remediation and ongoing monitoring to regulatory compliance and sign-off. At present, clean-up contracts can be planned as procured services via a tender process with WSP CLU acting as consultants or on the basis of a turnkey design and supply project.

# LAND RESTORATION AND GROUND ENGINEERING

#### CONSULTING SERVICES:

- Contaminated land and geohydrological assessments
- Desk top and feasibility studies
- Full ground investigations
   Design, implementation and
- Design, implementation and management of groundwater monitoring systems
- Soil and groundwater sampling and monitoring for organic and inorganic contaminants
- Geohydrological and contaminant plume modelling
- Human health and risk assessment
   Quantitative and qualitative risk
  - ass essment – Source, release mechanism,
  - pathway receptor relationships
     Determination of the need for remediation
  - Determination of site-specific
  - remediation, goals and targets
     Waste management
- Waste management strategy development
  - Waste classification, hazard rating and delisting
  - Landfill site assessment and investigation
- Waste treatment option assessments
- Surface water hydrology
  - Surface water management plans
  - Runoff modelling
  - Water balances
  - Floodline assessments
  - Water licensing and water use registrations
  - Reserve determination
- Geotechnical investigations

   Infrastructure and development
  - Foundation design engineering

#### CONTRACTING SERVICES:

WSP offers a full service remediation business, local and international, with a solution driven approach to remediation projects of all sizes and types.

We have a track record in negotiated settlements of environmental contamination issues and provide an integrated technical, financial, legal and environmental service to ensure the right solution.

Services include:

- Site investigations
- Land option appraisals
- Commercial risk evaluation
- Material classification and treatment studies
- Technical and financial feasibility studies
- Laboratory and field trials
- Risk-based remediation design
- Regulatory authority consultation
- Remediation contracting





## LIABILITY TRANSFER

The outsourcing of environmental liabilities using Active Transfer<sup>™</sup> allows a business to eliminate environmental liabilities without losing control of its assets. WSP is partnered with Willis and is capable of providing risk management, environmental engineering and financial modelling to provide a cost effective and permanent solution.

# DUE DILIGENCE, COMPLIANCE AND PRE-ACQUISITION AUDITING

As southern Africa becomes more and more part of the 'Global Village', increased awareness of environmental liabilities facing business and the risks associated with sub-standard environmental performance, will intensify. Our auditing services are designed to assess all the environmental risks and liabilities associated with commercial and industrial businesses and their assets, including identifying any latent environmental damage, regulatory non-compliance and third party liabilities.

## ENVIRONMENTAL FINANCE

WSP advises on business and project risks presented by environmental and operational issues. Using quantitative techniques favoured by financial analysts, models and forecasts are generated to assess, for example, the cost of environmental liabilities, asset impairment issues, or the impacts of future regulation and policy on the project or business enterprise.

We can therefore quantify risk, whether adverse or positive, in monetary terms and develop financial tools that when integrated with technical solutions from other parts of the business, lead to the development of a total risk management solution. This manifests itself in the implementation of strategies ranging from basic control measures through to elaborate financing tools, such as captive insurance and alternative risk transfer (ART).





The WSP is utilising its expertise in environmental sustainability and the built environment to provide consulting advice to clients on optimal planning / urban design for sustainable outcomes. WSP, along with traffic engineers, housing specialists and economists, have been involved with the development of Local Area Plan (LAP) projects for various municipalities within South Africa.

## SUSTAINABLE MASTERPLANNING

#### Our client offerings within this field include:

- Environmental guidance from conceptual planning to detailed design.
- Development Risk Assessment, Including 'No-go' Options.
- Strategic Environmental Impact Assessment & Identification of opportunities.
- Development Parameters Assessment.
- Integrated Assessment GIS and Mapping.
- Land-use management (LUMs) advice.
- Project implementation plans.





## CONTACT US:

WSP has offices located in Johannesburg, Durban, Pietermaritzburg and Cape Town.

#### JOHANNESBURG OFFICE:

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E-mail: <u>wspe@wspgroup.co.za</u>

#### CAPE TOWN OFFICE:

3rd Floor 35 Wale Street Cape Town 8001 South Africa P.O. Box 2613 Cape Town 8000, RSA Tel +27 (0)21 481 8700 Fax +27 (0)21 481 8799

E-mail: <u>wspe@wspgroup.co.za</u>

#### **DURBAN OFFICE:**

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E-mail:<u>wsped@wspgroup.co.za</u>

#### PIETERMARITZBURG:

Suite 7B Cascades Office Park 21B Cascades Crescent Cascades 3202 PO Box 689 Hilton 3245, RSA Tel: +27(0)33 347 5391 Fax: +27(0)33 347 5391

E-mail:wsped@wspgroup.co.za



Appendix 3: Process Design Criteria





#### ANGLO PLATINUM MANAGEMENT SERVICES

#### CONCENTRATOR TECHNOLOGY DIVISION

### **PROCESS DESCRIPTION:**

## Western Limb Tailings Retreatment Plant – Phase 2 Re-Mining of the Waterval East and West Tailings Dams

DOCUMENT DETAILS		
Revision number:	А	
Revision date:	5 September 2012	
Compiled & Issued by:	R Fouchee	
Issued for :	FEL3: Feasibility Study	





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#### 1. General

## This process description is for FEL3, which is only a feasibility study. Modifications to this are likely prior to final design and construction.

The Western Limb Tailings Retreatment (WLTR) Plant was constructed to treat dormant tailings dump material from the Rustenburg Section tailings dumps. The plant was commissioned in December 2003, treating material from the Klipfontein Tailings Dam. The Klipfontein Tailings Dam will be depleted in mid-2015. This document outlines the design criteria for the retreatment of the Waterval East and West Tailings Dams, thereby extending the life of WLTR Plant by approximately 16years.

The aim of this project is to utilise the existing WLTR Plant, which would otherwise become redundant, to retreat the Waterval East and West Tailings Dams at a rate of 500ktpm. The plant currently treats 450ktpm. Furthermore, the aim of the project is to increase the WLTR Plant's existing PGM recoveries through the installation of Mainstream Inert Grinding (MIG) using proven IsaMill<sup>™</sup> technology. The inclusion of MIG was optional during FEL 2, but is included going forward due to the substantial financial benefit it adds to the project.

The project will entail the following at the Waterval East and West Tailings Dams re-mining site and pump station:

- Hydraulic remining with all its associated activities
- Installation of a pump station with buffer capacity for improved stability and a water reticulation cirtcuit.
- Additional water pumping capacity from Hoedspruit return water dam

In order to reduce the capital required for this project, some equipment has been deferred. Due to its streamlined design, none of the MIG equipment has been affected by the cost saving initiative. For a proposed flowsheet, please refer to the Appendix.

Space is still provided for the deferred equipment in the layout, but it will be clearly marked and referred to as future options. For a provisional layout as done in FEL2, please refer to the Appendix.

### 2. Safety and Risk Assessment

All equipment and plant will be designed, installed and modified strictly in accordance with the Mines Health and Safety Act, OHS Act, and relevant Anglo Platinum Safety, Health and Environment standards. All equipment, plant design and construction activities will comply with the Anglo Fatal Risk





Standards. Provision will be made for fire fighting equipment (hand-held fire extinguishers, fire hydrants, hose pipes etc.) where necessary. An allowance will be made in the costing for a fire fighting system to be designed by Marsh.

The final design of the upgraded and integrated plant will be subjected to a comprehensive risk assessment process and full HAZOP review on all relevant Process Flow and Piping and Instrument Diagrams and full post commissioning follow-up assessment.

#### 3. **Process Description**

The current Klipfontein Tailings Dam will be depleted in mid-2015. The new re-mining activities at the Waterval East and West Tailings Dams will replace the Klipfontein Tailings Dam with feed material to the existing Western Limb Tails Re-treatment Concentrator. Lessons learnt from the Klipfontein Tailings Dam re-mining and pump station will be applied to the design and operating philosophy to the new Waterval East and West Tailings Dam re-mining and pump station.

The Western Limb Tails Re-treatment Concentrator will remain essentially as is, but with the addition of surge tanks and a Mainstream Inert Grind (MIG) circuit to improve plant recovery and concentrate grade; the addition of the MIG circuit is subject to final confirmation from pilot plant testwork.

#### 3.1 Re-mining and Pump Station

#### 3.1.1 RE-MINING

The design and operating philosophy of the Waterval East and West Tailings Dam re-mining and pump station is based on the lessons learnt from experience at the Klipfontein Tailings Dams.

Initially, a catchment pond next to the pump station will be cleared and developed. Adequate bund walls will be installed to protect the pump station and divert excess material from cloud bursts of rain to a storm water dam. A main earth launder (trench) will be established from the mining face to the catchment pond. Operations will begin by clearing vegetation and preparing a face prior to re-mining of a face. Tailings material will be "monitored" with high pressure jets from the work face into slurry and then gravitated to the catchment pond ahead of the pump station. The design of the HP water supply for the monitor guns will ensure a pressure of 30bar is achieved at the monitor guns.

A static grizzly will be installed in the main trench to remove large objects such as penstock poles. A hydraulic arm (or other suitable means) will be installed/utilized to clear any debris from the grizzly.

Due to the additional distance, and depending on the final mine design and mine plan, it is likely that a booster pump station will be required to transfer the slurry to the primary screening stage at the pump





station when the remining activities move to the WV East dam. The need for such a booster station could be negated by deploying vertical spindle pumps as part of the remining of WV East dam. It is accordingly excluded from the current project scope.

#### 3.1.2 PRIMARY VIBRATING SCREENS AND TRANSFER SUMPS

The design and control philosophy of the pump station is based on the lessons learnt from experience at the Klipfontein Tailings Dams. The slurry will enter the pump station from the catchment pond through one suitably sized primary vibrating screen with 10mm apertures at the entrance to the pump station for the removal of tramp material, with provision made for an additional primary screen as a future option. Screen spray water will be provided. The oversize will fall from the screen onto a conveyor which will deposit the tramp material onto a stockpile for final disposal. The undersize will gravitate to the primary transfer sumps. **The large volume fluctuations and the large array of the type of debris will be properly considered during the design and sizing of the screens, conveyor, pumps, sump, and screen make-up water.** 

In conventional re-mining activities cannot be quickly stopped and consequently the slurry continues to flow to the pump station for a considerable period after stopping re-mining activities. Therefore, any breakdowns or chokes of the primary vibrating screen, the primary transfer sump or the primary transfer pumps result in large spillages in the bunded area. Furthermore, repair work or un-choking is difficult while the sump is overflowing and the bund is full of spillage.

However, a new re-mining method is proposed by Fraser Alexander in which vertical spindle pumps are deployed to transfer the remined material to the pump station. The density fluctuations will still occur, but the flow will be much more controllable.

Therefore, the primary screen, sump, and pumps (one duty and one standby) will be completely duplicated with a standby screen, sump, and pumps (one duty and one standby) in two separate bunded areas on the proposed layout plan, but the duplicates will not form part of the initial project. Each bunded area will have a spillage pump which can pump to either of the two primary vibrating screens.

The design and operating philosophy of the primary transfer sump and pumps will ensure maximum running time of the pumps. The mechanical design will minimise pump trips from any process related interlock. Make-up water will be provided to each of the sumps to minimise pump trips to low level, and also provide a means to adjust the density during times of high slurry density from the remining operation. An automated recycle line will also be incorporated as a future installation option to recycle material from the primary transfer pumps back to the primary transfer sump during low-low level

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conditions, thereby maintaining sump level and eliminating pump stoppages due to low sump level. The pumps will be all-metal pumps to ensure minimum breakdowns.

#### 3.1.3 SECONDARY VIBRATING SCREENS

The primary transfer sump will transfer the slurry to a distribution box above the secondary vibrating screen with 2mm apertures for the removal of further tramp material. The screen will be located on ground level on top of a dedicated transfer sump, instead of being placed on top of the surge tanks. This is to minimise structural vibrations and to facilitate easier access to the screens for inspection and maintenance. The vibrating screen, transfer sump, and pumps (one duty and one standby) will be duplicated in the layout, but the duplicates will be deferred as a future installation option.

Screen spray water will be provided from the clear water tank via dedicated spray water pumps. Tramp material will fall via a chute to a conveyor which deposits onto the tramp material stockpile next to the surge tanks from where it will be loaded by a front end loader onto a dumper truck for final disposal to a remote location. The screen undersize of the vibrating screen will gravitate to the transfer sump, from where it will be pumped to the surge tank.

#### 3.1.4 SURGE TANKS

Sufficient surge capacity will be installed to mitigate process fluctuations caused by remining.

#### 3.1.5 WATER RECLAMATION

Water will be reclaimed through cyclones, thickening and clarification.

#### 3.1.6 FINAL TRANSFER SUMP AND PUMP TRAIN

The slurry will be pumped from the remining station to WLTR at a suitable flow and density with a high pressure pump train.

#### 3.1.7 INTERMEDIATE PUMP STATION

The line between the pump station and the WLTR Plant is approximately 13.2 km long. The requirements for an intermediate pump station was investigated and confirmed during FEL2. The booster station will have a transfer sump with duty and standby pump trains.

#### 3.1.8 WATER REQUIREMENTS

All required water (clear and process) will be kept on site in tanks sized for 8 hours of residence time.





#### 3.1.9 STORM WATER CONTROL

The design of the storm water control (and spillage control) at the Waterval East and West Tailings Dams is to be confirmed as part of the design of the remining site plan. Consideration must be given to incorporation of two dams (or other suitable infrastructure) to facilitate containment of flood waters and recovery of slurry and water back into the process in an efficient and safe manner. This combination will result in legal compliance for storm water control, easy reclamation of slurry from the concrete lined silt trap, and economical use of capital funds. Any excessive storm water from the catchment pond, excessive slurry from re-mining, and spillage from the pump station will be directed to the silt trap for initial containment of slurry and storm water, and can later be re-introduced to the primary vibrating screens in a controlled manner with a monitor gun washing the solids to the silt trap pump. Excessive water, for instance from a 1 in 100 year flood, will overflow the silt trap to the storm water dam. This, which will consist mostly of water, can later be re-introduced to the pump station in a controlled manner with the storm water dam pump.

All sumps and surge tank overflows at the pump station will report to the storm water dam via the silt trap.

#### 3.1.10 AIR REQUIREMENTS

A suitably sized compressor plant will be designed and installed to provide compressed air for instruments.

#### 3.1.11 **POWER REQUIREMENTS**

Power supply infrastructure will be designed and installed to supply the necessary power to drive the various items of equipment i.e. screens, pumps and agitators.

#### 3.1.12 **GSW** REQUIREMENTS

A suitably sized closed water tank will be installed at the pump station to supply of LP and HP gland service water (GSW) to the slurry pumps and overland pump trains. Dedicated GSW supply systems will be designed and installed to supply GSW to all the low pressure slurry transfer pumps and the final transfer pump trains by separate distribution systems.





#### 3.2 Concentrator Plant

#### 3.2.1 PLANT FEED

The plant feed from the Klipfontein pump station can currently be diverted to either the density control thickener, the mill feed surge tank, the mill discharge sump, or the final tail. All of these pipe routes and process options will be retained for the plant feed for the Waterval pump station. The incoming feed material will report directly to the primary mill surge tank.

Subject to final confirmation, as part of the detail design phase, the impact of the new particle size distribution from the Waterval East and West Tailings Dams on existing equipment and piping needs to be investigated with regard to the performance and suitability of the existing equipment and piping.

#### 3.2.2 DENSITY CONTROL OF THE PLANT FEED

Due to the increased distance from the Waterval East and West Tailings Dams, the existing density control thickener at the WLTR plant will become redundant because:

- the density control of the plant feed will be regulated at the pump station;
- the water will be reclaimed at the pump station to provide HP water for the monitor guns;
- and increased surge capacity will be provided at the pump station.

However, the pipe route to the density control thickener will be retained as a process option for treating Waterval Dam material.

#### 3.2.3 LINEAR SCREEN AND PRIMARY MILL FEED SURGE

The existing linear screen and primary mill feed surge tank will be retained. The surge tank currently provides 40 minutes of buffer capacity (at 100% volume). The plant feed from the pump station will be received into the new dilution surge tank from where it will be pumped at the required density to the existing linear screen (with 1mm aperture screen cloth) situated above the primary mill feed surge tank. The linear screen undersize stream gravitates to the existing primary mill feed surge tank. Tramp material removed by the linear screen falls to a vibrating dewatering screen where the tramp material is washed. The tramp material discharges from the dewatering screen into a small stockpile enclosure next to the surge tank from where it is loaded with a front end loader onto dumper trucks and removed to a remote location for final disposal. The undersize from the dewatering screen reports to the bund area spillage recovery system which returns the spillage back to the primary mill surge tank.



### PLATINUM

The mill feed surge tank pumps (one duty and one standby) currently transfer the material to the ball mill circuit. This option will be retained for normal operation. A new line will be installed for added flexibility to the IsaMill<sup>TM</sup> circuit to bypass the ball mill circuit.

Subject to final confirmation, and as part of the detail design phase, the impact of the new particle size distribution from the Waterval East and West Tailings Dams on existing equipment and piping needs to be investigated with regard to the performance and suitability of the existing equipment and piping. This includes a detailed assessment of the ability of the current linear screen to handle the increased throughput.

#### 3.2.4 BALL MILL CIRCUIT

The metallurgical requirement of the ball mill is currently to increase PGM liberation by producing a product of suitable fineness.

Main Stream Inert Grind (MIG) IsaMill <sup>™</sup>'s have shown that there is a metallurgical benefit to milling in an inert environment, even at the same grind as that of a ball mill. However, MIGs are susceptible to high operating costs when the feed is coarse. Therefore, with the addition of the MIG circuit, the metallurgical requirement of the ball mill will change to top size control.

Plant feed from the mill feed surge tank is currently fed to an automated de-slime cyclone nest, with a high solids split to the underflow and subsequently reporting to the ball mill. The de-slime cyclones will be modified or changed so as to produce a coarser cut point for top size control through the ball mill. A solids split of 30-40% to the underflow is envisaged, subject to further testwork. The option will be provided to either divert the de-slime feed or the de-slime cyclone overflow to the new MIG circuit.

The suitability of the current de-slime cyclone nest for the new application needs to be evaluated and verified as part of the design study. The de-slime cyclone overflow currently reports to the ball mill discharge sump. This pipe option will be retained. Full automation for cyclone selection in the cyclone nest is currently installed.

The ball mill discharges into the ball mill discharge sump. The discharge pumps (one duty and one standby) will transfer material via a new line to the IsaMill<sup>™</sup> circuit for normal open circuit ball mill operation. The design duty of the existing ball mill discharge pumps will be confirmed for this revised duty to the MIG circuit from a volumetric and discharge head perspective. Currently, the mill discharge is pumped to the classification cyclones. This option will be retained for closed circuit operation. The classification cyclone overflow currently gravitates to the plant feed metal accounting sampler ahead of the rougher flotation bank. This option will be retained. Furthermore, an option to





send the classification cyclone overflow to the MIG circuit will be provided. Automated cyclone selection capability will be provided.

The capacity and integrity of any existing mechanical equipment, electrical installation and reticulation systems and the civil and structural construction that will be redeployed in the modified circuit, will be evaluated and verified as part of the design study.

#### 3.2.5 MAINSTREAM INERT GRIND (MIG) CIRCUIT

The overflow from the ball mill closed circuit cyclones will become the primary feed stock to the new MIG circuit.

During normal operation with the MIG circuit online, the overflow from the existing ball mill closed circuit cyclones will ,via a gravity flow launder, report to the MIG circuit. Currently, the overflow from the existing ball mill closed circuit cyclones gravitates, via the plant feed metal accounting sampler, to the rougher flotation bank. This facility will be retained for bypassing of the MIG circuit.

The following MIG circuit feed options will be incorporated into the plant design:

- Ball mill classification cyclone overflow (gravity flow if possible)
- Ball mill classification cyclone feed (pumped) open circuit ball mill configuration
- Primary de-slime cyclone feed (pumped)
- Primary de-slime cyclone overflow (gravity flow if possible)

A fit for duty linear screen will be located on top of the MIG surge tank to remove any foreign material such as steel scats from the ball mill prior to entering the agitated surge tank directly beneath the linear screen.

The slurry will be pumped at a controlled rate from the MIG feed surge tank to a cluster of densifying cyclones ahead of the IsaMill<sup>™</sup>. The cyclone underflow will gravitate directly to the IsaMill<sup>™</sup> feed sump where it will be pumped into the IsaMill<sup>™</sup> unit. The overflow from the densifying cyclone will gravitate to a common IsaMill<sup>™</sup> final product sump where it will be combined with the discharge from each of the four IsaMill<sup>™</sup>. The final product sump and pumps (one duty and one standby) will transfer the combined IsaMill<sup>™</sup> circuit product to the plant feed metal accounting sampler ahead of the rougher flotation bank.

A media hopper situated below the IsaMill<sup>TM</sup> will be installed. A jet pump system will transfer media to the IsaMill<sup>TM</sup> feed sump during operation. Media will be loaded to achieve and maintain an IsaMill<sup>TM</sup> power set point.

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The short term emergency bypass facility will be provided that will allow the MIG densifying cyclone underflow to be diverted directly to the final product sump during periods when only the IsaMill<sup>™</sup> has to be bypassed.

This MIG circuit will also be installed with the latest control philosophies.

An adequate media recovery system must also be provided.

#### 3.2.6 METAL ACCOUNTING SAMPLER

The rougher flotation feed will be sampled for metal accounting purposes prior to flotation. For the 500ktpm option it was proposed to install 3-off additional 130m3 tank cells into the rough flotation circuit. Depending on how the new rougher cells are configured (either at the head or tail of the bank) it may be necessary to install a new metal accounting sampler ahead of the new rougher flotation cells if they are installed at the fee-end of the rougher flotation bank. Alternatively, if the new cells are installed at the tail end of the bank then it will be feasible to retain the existing Samstat<sup>™</sup> sampler for metal accounting purposes of the rougher feed.

These new cells have been deferred to save costs and will not form part of the current project.

#### 3.2.7 ROUGHER FLOTATION

The existing rougher flotation circuit will be retained. The rougher bank consists of forced air tank cells.

The feed to the rougher flotation stage will be either form the ball mill circuit (ball mill classification cyclone overflow) or from the MIG circuit. Subject to final confirmation, as part of the detail design phase, the impact of the finer stream on the current rougher flotation section needs to be investigated with regard to the performance of the equipment.

#### 3.2.8 ULTRA-FINE GRIND (UFG) CIRCUIT

Subject to final confirmation, as part of the detail design phase, the impact of the finer stream on rougher mass pull and subsequent feed Ultra-Fine Grind (UFG) section needs to be investigated with regard to the performance of the equipment.





#### 3.2.9 CLEANER FLOTATION CIRCUIT

Subject to final confirmation, as part of the detail design phase, the impact of the finer stream on rougher mass pull and subsequent feed to the UFG and cleaner flotation section needs to be investigated with regard to the performance of the equipment.

#### 3.2.10 CONCENTRATE HANDLING

Subject to final confirmation, as part of the detail design phase, the impact of the finer concentrate on the current concentrate handling section needs to be investigated with regard to the performance of the equipment.

#### 3.2.11 TAILINGS DISPOSAL

Subject to final confirmation, as part of the detail design phase, the impact of the finer stream size distribution on the current tailings handling section needs to be investigated with regard to the performance of the equipment.

#### 3.2.12 REAGENTS

Subject to final confirmation, as part of the detail design phase, the requirement for additional reagent dosage points needs to be investigated with regard to the metallurgical performance of the plant.

#### 3.2.13 SPILLAGE HANDLING

The MIG circuit spillage must be contained in a sloped, bunded concrete containment area. Floors are sloped towards a sump that will be protected by a 6mm stainless steel wedge wire screen.

The spillage sump will pump the spillage over a ceramic media recovery screen. The screen will have a dual aperture deck. The screen overflow will be discarded as waste. The slurry fraction will be pumped to the linear screen at the surge tank, while the recovered media will be reclaimed by a hopper with crane access.

#### 3.2.14 **POWER REQUIREMENTS**

Subject to final confirmation, as part of the detail design phase, the impact of the additional equipment on the overall power supply infrastructure needs to be reviewed and confirmed. Additional power will be required for the MIG circuit IsaMills<sup>™</sup>, pumps and agitators.





#### 3.2.15 AIR REQUIREMENTS

Subject to final confirmation, as part of the detail design phase, the impact of the additional compressed air and instrument air requirements on the current compressed air section needs to be investigated with regard to the performance of the equipment.

#### 3.2.16 WATER REQUIREMENTS

Subject to final confirmation, as part of the detail design phase, the impact of the additional potable & process water requirements on the current water reticulation system needs to be investigated with regard to the performance of the equipment.

The water balance will need to be investigated. A water line from WLTR Plant to the pump station may need to be provided.

#### 3.2.17 SAMPLING AND EVALUATION

The Sampling and Evaluation systems and infrastructure shall be retained and is subject to final confirmation during the detailed design phase. All additional requirements shall conform to the current Western Limb Tailings Retreatment Plant and Anglo Platinum standards and procedures.





#### 4. Process Control

The design, development and implementation of the control solution, instrumentation and electrical drives will be in accordance to Anglo Platinum standards as defined in the relevant Control and Instrumentation Standard and Specification documents (AGS standards).

The pump station will be controlled at the pump station with its own PLC and SCADA, which will be fully visible from the WLTR Plant SCADA for additional monitoring, troubleshooting, and data logging purposes. The primary and final transfer sumps and pumps and the surge tank and pumps will be completely automated. Pump start-up, shut-down, and change-over sequences will be controlled automatically by the PLC. The primary transfer pumps and the surge tank pumps will be fitted with VSD's in order to deliver maximum flow stability and optimal utilisation if the installed buffer capacity. The final transfer pumps will be interlocked with high level of the delivery tank at the WLTR Plant.

In the design of the MIG installation, due cognisance must be given to the existing process control requirements and control objectives for the concentrator. Advanced control solutions will be implemented where proven benefits can be realised. The control solution shall make use of the Anglo Platinum control software standards and practices.

All instrumentation to be installed under the guidance of the relevant supplier and / or manufacturer who will be expected to guarantee the installation to a specified accuracy and precision and to Anglo Platinum standards.

Control and data logging for all new equipment and its associated instrumentation will be exercised via the upgraded and expanded networked PLC/SCADA.

Normal MIG plant start-up & shutdown will be by sequence control via the PLC. Media addition will be automatically controlled by the PLC.

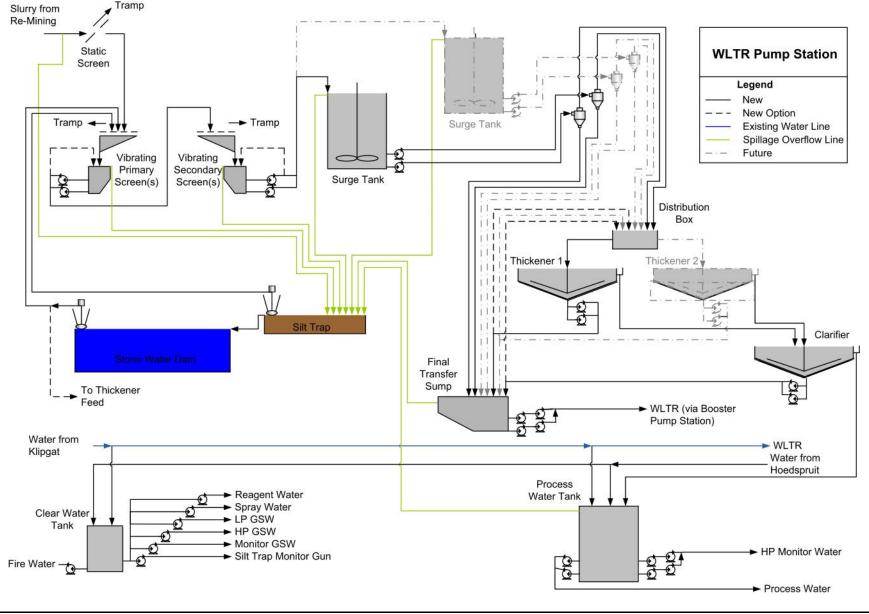




5. Appendices

 $\label{eq:process} \mbox{ Process Description - Re-mining of Waterval East and West for Scpoing report.docx }$ 

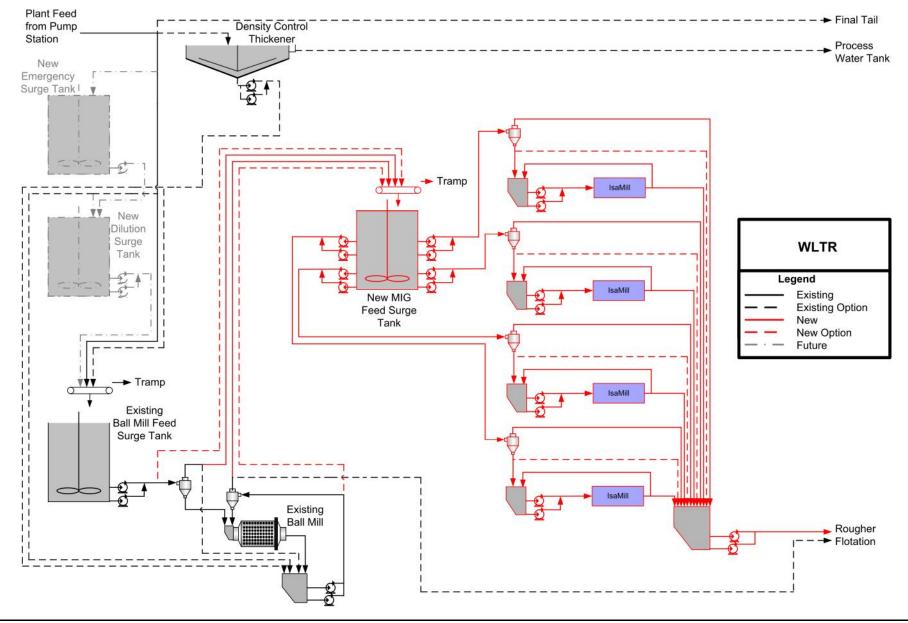




**PLATINUM** 



**PLATINUM** 



## Appendix 4: Public Participation - Scoping Phase

- 4.1 Stakeholder Database
- 4.2 Site Notice
  - Site Notice
  - Site Notice Placement Photo plate
- 4.3 Background Information Document
  - **Background Information Document**
  - Background Information Document distribution register
- 4.4 Newspaper Adverts
  - First Round
    - Advert •
      - Daily Sun
      - Rustenburg Herald
      - Tearsheet
        - Daily Sun
        - Rustenburg Herald
    - Second Round

- Advert
  - Daily Sun
  - Rustenburg Herald
- Tearsheet
  - Daily Sun
  - Rustenburg Herald
- 4.5 Letters of Notification:
  - General Public Notification letter;
  - Public Meeting Letter/Email; and
  - Draft Scoping Report public review cover letter
- 4.6 Stakeholder Engagement meetings
  - Royal Bafokeng Nation Notification Meeting minutes
     Local Leadership Notification meeting minutes

  - Local Leadership Response meeting minutes
  - General Public Notification meeting minutes
- 4.7 Draft Scoping Report Public Review
  - Proof of Distribution
    - Authorities •
    - Stakeholders •
- 4.8 Final Scoping Phase Issues Trail

## 4.1 Stakeholder Database

- K - N - N Adv Abrie V	Surname Khunou	Company	Designation	
- N - N Adv Abrie v		Durates haven been all Maniais ality		
- N Adv Abrie v	Motlhamme	Rustenburg Local Municipality Rustenburg Local Municipality	Ward Councilor Ward Councilor	+
Adv Abrie v	Ntshole	Rustenburg Local Municipality Rustenburg Local Municipality	Ward Councilor Ward Councilor	
Adv Modisactoilo	van der Nest	Neels van der Nest Beleggings BK	Advocate	
	Mokate	Royal Bafokeng Nation/Administration	Advocate	
	Kinmont	TWP	Project Manager	
	Kinmont Botha	TWP Anglo Platinum	PM -	+
	Pienaar	Man-Dirk	Envionmental Scientist	
Andize v	van Aswege	RPM Hospital	Admin Supervisor	1
	Spangenberg	Anglo Platinum	Engineering Manager	
	Saloman	SAHRA		
	Gous Soulee	Anglo Platinum Mfidikwe	UG2 Concentrator Administrator	
Beauty -	-	-	-	
	Setshedi	Ward Committee	-	1
Bothale -	-	Bidvest Magnum	Security Officer	
	<u>Greengrass</u> de Bruvn	WSP North West Ecoforum	Senior Environmental Consultant Director	-
	Noqueira	Anglo Platinum Limited	Senior Health and Safety Advisor	-
Colleen -	·	Thekwane	-	
Conrad C	Cross	Fraser Alexander	Programme Manager	
	Mabale-Huma	Rustenburg Municipality	- -	_
	Makgale	Bafokeng Community: Land Affairs Department	Councillor	-
Crosby - Cufton -		• •	-	-
	Matshaba Maleshwane	Environmental Justice Networking Forum (EJNF)	Adminstrator	
Dan k	Khuno	Thekwana	-	
	Molefe	OBD Contructors	-	
	Kgophane Maeko	Transporter Rustenburg Local Municipality	Kgophs Projects Municipal Manager	+
	маеко Conradie	Rustenburg Local Municipality Modderfontein Irrigation Board	Secretary	<u> </u>
Dr Julius F	Pistorius	Heritage	Archaeologist	
Dudu F	Ratshefola	Anglo Platinum	Socio-Economic Development	
Elias	Da	Bidvest Magnum	Security Officer	+
	Rampete Kemm	Youth Sunrise Ext 9 Royal Bafokeng Administration	- Spatial Planner	+
	Graham	Impala Platinum		1
Fortune -	· · · · · · · · · · · · · · · · · · ·	ă.		
Francois J	Joubert	Tabacks	Director	+
Fred -	-	a 1991 - 1	Photsaneng	
	Khunou Khunou	Thekwana Fike trust	Madibana Consiler Managing Director	+
	Nape	Thekwane		
Haniel -		Photsaneng		1
	Sefshedi	Mfidikwe Community		
	Dippenaar	TWP	Assistanti Deservela en di Develar mant	+
	<u>Tsoanamatsie</u> Mokoka	Green Gain Consulting Paardekraal/Boitekong Community	Assistant: Research and Development Paardekraal Ward 19	-
	van Zyl	Amoldstad Ontw. Trust -	Secretary	
	Huma	Royal Bafokeng Administration	Land Affairs	
	Vanwyk	North West Provincial Government	-	
	Mokgethwa	Midikwe TWP	Facial and Manager	
	<u>Geldenhuys</u> O'Brien	WSP	Engineering Manager Assistant Environmental Consultant	
	Nienaber	J9 Consulting	-	
JM S	Shata	Lady Segone	-	
	Petlele	Bafokeng Policing Forum North East Regional Councilor Bafokeng	Chairperson	+
	Huma Moseki	Midikwe Kaotla	Councillor Monnakgotla	+
	Allan	WSP	Senior Associate	
	Smuts	South African Heritage Resources Agency	Heritage Officer: Archaeology, Palaeontology and Meteorites	
	Mekgoe	Rustenburg Local Municipality	Environmental impact assessment co-ordinator	
	Pholose Petlele	Thekwana Kgosana, Madiba Mantsho, Thekwana Community	Madibana Community Development Committee	-
Kgosi Maboti N	Molotsane	Photsaneng Community, Lekoje	Community Member	
	Allan	WSP	Director	
	Redding	Anglo Platinum	Social Advisor	
	Kutame	North West Department of Agriculture, Conservation & Environment	Environmental Officer	
	Barnard Motsisi	Man-Dirk Eskom	Internal sales	
M Tladi		Thekwana		1
Maria N	Morapedi	Photsaneg	-	
Matthew 0	Gordon-Watt	Fraser Alexander	Project Manager	+
Menge M Micheal -	Madumo	Menge Communications Anglo Platinum	Director Fraser Alexander	+
Mmamokete H	Hlallele	-	-	1
Modise -	·		<b>-</b>	1
Mogapi T	Tshole	Ward 34	Councillor	+
	Molefe	Bafokeng Bleskop Business Forum	Member	+
	Rakoma Masegopi	Mfidikwe Mfidikwe Primary	- A.A	+
Monty P -		Thekwane	-	1
Moseli N	Motselebane	Anglo Platinum	Civil Engineer	
Motsoadi E	Bahumi	Photsaneng		
	Modise	Midike Primary School	-	+
	Mokgethi Molefe	Royal Bafokeng Nation Thekwane Tlhage Primary School	Monnakgotla -	+
	Ngoepe	National Union of Mineworkers	- Rustenburg Region	1
Mr A P S	Senne	Fike Trust, Photsaneng Village	Member	
	Senne	Photsaneng Community	Community Member	<u> </u>
	Forrester Britz	Kelgran (Pty) Ltd Anglo Platinum	Kelgran (Pty) Ltd Chief Environmental Co-ordinator	+
	Britz Mogander	Anglo Platinum Member	Youth Sunrise Ext 9	1
	Setuke	Royal Bafokeng Nation	Kgosana	
Mr B T	Tlou	Lefaragathe	Monnakgotla	T
	Senne	Photsaneng Community	Community Member	<u> </u>
	Setshedi	Rustenburg Local Municipality	Ward Committee	+
	Huma Modiba	Phothemfi Bafokeng Bleskop Business Forum	Community Developer Member	1
wir Bernard	Molotsane	Photsaneng Consultative Forum	*	1
	Seabela	Royal Bafokeng Nation	Corporate Governance Executive	
Mr Boikanyo M Mr Bruno S			Community Member	
Mr Boikanyo M Mr Bruno S Mr Cecil M	Molotsane	Photsaneng Community		
Mr Boikanyo     M       Mr Bruno     S       Mr Cecil     M       Mr Charles     S	Molotsane Sanbow	Wesizwe Platinum	Chief Operating Officer	
Mr Boikanyo     M       Mr Bruno     S       Mr Cecil     M       Mr Charles     S       Mr D     M	Molotsane Sanbow Mpiti	Wesizwe Platinum Royal Bafokeng Nation	Chief Operating Officer Monnakgotla	
Mr Boikanyo     N       Mr Bruno     S       Mr Cecil     N       Mr Charles     S       Mr D     N       Mr Daniel     N	Molotsane Sanbow	Wesizwe Platinum	Chief Operating Officer	

Mr Deon	1			-
	Pistorius	Xstrata Alloys	Environmental Coordinator	+
Mr Eugene Mr Frank	Huma Diale	Bafokeng Bleskop Business Forum Phothemfi Community Development	Shift supervisor Member	
Mr Fred	Setshoane	Photsaneng Consultative Forum	Member	
Mr Freiderich	Slabbert	UWP Consulting	Consultant	
Mr G A	Nape	Xstrata: Madibana Community Development Committee	Community Secretary	
Mr George Mr George	Khunou King	Bafokeng Sports Xstrata South Africa (Pty) Ltd	Managing Director	
Mr Gideon	Menoe	Boitekong Community	CPF Chairperson	
Mr Godfrey	Lethuping	North West Ecoforum	Member	
Mr Gordon	Phiri	Boitekong Community	- Project Director	
Mr Gordon Mr Guy	Ramsay Longomo	Aguarius Platinum Xstrata Allovs	Project Director Environmental Coordinator	
Mr Harry	Segone	Mfidikwe M C D C	Member	
Mr Hashley	Setshedi	Phothemfi Youth League (Buyo)	Member	
Mr Herbert	Modupi	Yamedupi	Public Participant Practioner	
Mr Herman Mr Hopewell	Mothibedi Radebe	Mahube Trust Business Day	Facilitator News Editor	
Mr IB	Ngobeze	TEBA	Regional Coordinator	
Mr Ishmael	Sekano	Anglo Platinum, Rustenburg Section	Socio-Economic Development	
Mr JA	Sithole	Department Of Education	Learning Area Coordinator	
Mr Jacob	Litsine	Rustenburg Local Municipality	-	
Mr Jacobus Mr Jan	Malan Pieters	Ecoserv Rustenburg Local Municipality	Gauteng Regional Manager Planning	
Mr Jan	Marais	DEA	Chief: Air Pollution Control Officer and Clean Air	
Mr JM	Petlele	Royal Bafokeng Nation	Kgosana	
Mr Johan Mr John	de Bruyn Critchley	Amoldistad Ontwikkelings Trust	Member Chier Planning Engineer	
Mr Joshua	Nape	Thekwane Community	Community Member	
Mr Joyleaf	Boase	COSATU	Face street flagger	
Mr Kaizer	Letsholo	Boitekong Community	Member	
Mr Karabo	Peele	Royal Bafokeng Administration	Chairman: Mining Commission	+
Mr Khalid Mr L K	Patel Mokotedi	Representing Royal Bafokeng Administation Rustenburg Local Municipality	EIMS Consultant Community Development	+
Mr Lawrence	Moogi	Bafokeng Bleskop Business Forum	Member	1
Mr Lawrence	Pebe	Townlands	-	
Mr Lazarus	Mfulwane	Unemployed	N/A	
Mr Levy	Mokwele	Rustenburg Local Municipality	Community Development	
Mr LM Mr Louis	Ntshingila Rathuloane	TEBA Photsaneng Consultative Forum	Consultant - TEBA Member	
Mr Louis	Viljoen	Amoldistad Ontwikkelings Trust	Self Employed	
Mr Lucky	Mogomotsi	Boitekong Community	Councillor	
Mr Lucky	Sithole	SANCO	•	
Mr Manfred	Suhr	Kroondal Environmental Forum	Spokesperson: Environmental Matters	
Mr Marc Mr Marchand	Rapoo le Roux	Rustenburg Local Municipality North West Department of Agriculture, Conservation & Environment	Director Compliance	+
Mr Martin	Khunou	North West Department of Agriculture, Conservation & Environment Photsaneng Community	Environmental Issues	1
Mr Martin	Malatsi	African National Congress (ANC)	Representative	
Mr Matthews	Wolmarans	Rustenburg Local Municipality	Mayor	
Mr McDonald	Nkangalani	Townlands	-	+
Mr Michael Mr Miguel	Moalosi Dos Santos	Boitekong Community Tenova Pyromet	Community Member Project Manager	+
Mr Molope	Petlele	Royal Bafokeng Nation	Headman	1
Mr Morris	Nte	Impala Platinum	Community Liaison Officer	
Mr Moses	Phakoe	Rustenburg Local Municipality	-	
Mr Mothanke	Tladi	Tsogo Distribution and Construction	-	+
Mr N Mr N	Khunou Grootboom-Mashile	Royal Bafokeng Nation Rustenburg Local Municipality	Kgosana Manager: Satelite offices	+
Mr Neels	Comelius	Xstrata South Africa (Pty) Ltd	Secretary	1
Mr Neels	van der Nest	Neels van der Nest Beleggings BK	Managing Director	
Mr Orest	Nbeduwa	Wisco	CEO	
Mr Paris	Teme	Boitekong Community	Community Member	<u> </u>
Mr Pat Mr Patrick	King Khunou	Royal Bafokeng Administration Photsaneng Consultative Forum	Land Administrator Member	+
Mr Percy	Matlapeng	North West Department of Agriculture, Conservation & Environment	Deputy Director: Air Quality	1
Mr Peter	Lekalakala	Boitekong Community	Member	
Mr Phumudzo	Nethwadzi	Department of Minerals and Resources	Assistant Director	
Mr Pieter	Louw	Rustenburg Public Library	Librarian	+
Mr Pogiso Mr Prince	Bothomane Morare	Boitekong Development Forum Bonianala Platinum District Municipality	Secretary Environmental Manager	1
Mr R	Thekiso	Rustenburg Local Municipality		
Mr R C	du Preez		Water and Sanitation Section	
	dd 1 1002	Rustenburg Local Municipality	Water and Sanitation Section Electricity	
Mr Richard	-	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM	Electricity -	
Mr Robin	- Wardle	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture	Electricity - Engineering Manager	
Mr Robin Mr Roelf	- Wardle le Roux	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board	Electricity - Engineering Manager Member	
Mr Robin	- Wardle	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture	Electricity - Engineering Manager	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean	- Wardle le Roux Monageng Nkgothwe Lindsay	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Seoka	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer	
Mr Robin Mr Rolef Mr Sandy Mr Sean Mr Seoka Mr Shadrack	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu	DEPARTMENT OF RURAL DE VELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member	
Mr Robin Mr Roelf Mr Sandy Mr Sean Mr Seeka Mr Shadrack Mr Shadrack Mr Solomon	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman -	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Seoka Mr Shadrack Mr Solomon Mr Stephen	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe	DEPARTMENT OF RURAL DE VELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer	
Mr Robin Mr Roelf Mr Soney Mr Sandy Mr Sean Mr Seoka Mr Shadrack Mr Stephen Mr Stephen Mr Stephen Mr Steven Mr T D	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sandy Mr Sadva Mr Shadrack Mr Solomon Mr Stephen Mr Steven Mr T D Mr T J	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Public Library	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer ROP Chairman - Community Member Assistant Director Civil Facilities Librarian	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Seoka Mr Shadrack Mr Stolomon Mr Stephen Mr Stephen Mr Steven Mr T D Mr T J Mr T J Mr T J Mr T J	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Public Library Thabane Community	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member	
Mr Robin Mr Roelf Mr Sandy Mr Sandy Mr Sean Mr Seoka Mr Shadrack Mr Solomon Mr Stephen Mr Stephen Mr T D Mr T J Mr Thabo Mr Thabo Mr Thomas	- Wardle le Roux Monageng Nkqothwe Lindsav Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Balovi	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municoality Rustenburg Duci Library Tihabane Community Department of Health	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sandy Mr Sadvack Mr Shadrack Mr Stadrack Mr Stophen Mr Steven Mr T D Mr T D Mr T J Mr Thabo Mr Thomas Mr Tidimalo	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Baloyi Molefe	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           Rustenburg Local Municipality           Rustenburg Community           Department of Health           Phothement	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson	
Mr Robin           Mr Roelf           Mr Roney           Mr Sandy           Mr Sean           Mr Seaka           Mr Shadrack           Mr Steven           Mr T J           Mr T Jabo           Mr Thabo           Mr Theppo           Mr Tshepo           Mr Mr Waldie	- Wardle le Roux Monageng Nkqothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Balovi Molefe Lenake Volschenk	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Public Library Tihabane Community Department of Health Phothemfi Community Development Rustenburg Local Municipality Rustenburg Local Municipality	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter	
Mr Robin           Mr Roelf           Mr Roney           Mr Sandy           Mr Sandy           Mr Sandy           Mr Sooka           Mr Shadrack           Mr Slowon           Mr Stephen           Mr T D           Mr T J           Mr Thabo           Mr Thomas           Mr Tidimalo           Mr Twildie           Mr Waldie	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutscane Balovi Molefe Lenake Volschenk Sebolai	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Public Library           Thabane Community           Department of Health           Phothemfi Community Development           Rustenburg Local Municipality	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer ROP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sandy Mr Sadrack Mr Shadrack Mr Stolomon Mr Stephen Mr Stephen Mr T D Mr T D Mr T J Mr Thomas Mr Tidimalo Mr Thomas Mr Tidimalo Mr Thepo Mr Willie Mr Willie Mrss	- Wardle le Roux Monageng Nkgothwe Lindsav Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Balovi Molefe Lenake Volschenk Sebolai Kelobogile	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Public Library Thabane Community Department of Health Phothermi Community Development Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director EIA	
Mr Robin           Mr Roelf           Mr Roney           Mr Sandy           Mr Sandy           Mr Sandy           Mr Sean           Mr Stadrack           Mr Stephen           Mr Stephen           Mr T D           Mr T J           Mr Thabo           Mr Tidimalo           Mr Wr Udie           Mr Willie           Mrse<	- Wardle le Roux Monageng Nkqothwe Lindsav Lekota Gwebu Ramogale Sedikwe Mukhola Lephogale Suze Khutsoane Balovi Molefe Lenake Volschenk Sebolai Kelobogile Shai	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Dublic Library Tihabane Community Department of Health Phothemfi Community Development Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Diva	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director ElA Assistant Director	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Shadrack Mr Shadrack Mr Shadrack Mr Stephen Mr Stephen Mr Stephen Mr T D Mr Thabo Mr Thabo Mr Thomas Mr Thomas Mr Tidimalo Mr Thepo Mr Waldie Mr Willie Mrs Caroline Mrs CN	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutscane Baloyi Molefe Lenake Volschenk Sebolai Kelobogile Shai Raseapei	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           Rustenburg Local Municipality           Department of Health           Photsneng Leod Municipality           Rustenburg Local Municipality           Dubartment of Education	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director EIA Assistant Director EIA Assistant Director AET Specialist	
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Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Sadrack Mr Shadrack Mr Slomon Mr Stephen Mr Steven Mr T D Mr Thabo Mr Thabo Mr Thomas Mr Thomas Mr Tidimalo Mr Tidimalo Mr Tishepo Mr Waldie Mr Sacoline Mrs Caroline Mrs Coline Mrs Gloria Mrs Gloria Mr Saenette	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutscane Baloyi Molefe Lenake Volschenk Sebolai Kelobogile Shai Raseapei Mahlaku Moopelwa	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           DwA           Department of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           Phothemfi Community	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer Environmental Officer Community Member - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director EIA Assistant Director EIA Assistant Director AET Specialist Environmental Gificer IDP Specialist Education	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Shadrack Mr Shadrack Mr Shadrack Mr Stophen Mr Steven Mr T D Mr Thabo Mr Thabo Mr Thabo Mr Thabo Mr Thabo Mr Thabo Mr Thabo Mr Thabo Mr Thepo Mr Willie Mr Willie Mrs Caroline Mrs CN Mrs Gloria Mrs Jeanette Mrs M	- Wardle le Roux Monageng Nikgothwe Lindsav Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Baloyi Molefe Lenake Volschenk Sebolai Shai Raseapei Mahlaku Moopelwa Molefe Lespiane	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thetwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Department of Education North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality DWA Department of Education North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Phothemfi Community Phothemfi Community	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director ElA Assistant Director ElA Environmental Officer IDP Specialist Education Ward Committee Member	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Seaka Mr Shadrack Mr Steven Mr T D Mr Theon Mr T D Mr Thabo Mr Thabo Mr Thomas Mr Tidimalo Mr Theopo Mr Willie Mr Willie Mrs Conline Mrs CN Mrs Delta Mrs Jeanette Mrs Jam Mrs Jantheen	- Wardle le Roux Monageng Nkqothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Baloyi Molefe Lenake Volschenk Sebolai Kelobogile Shai Raseapei Mahlaku Mopefe Lesejane Matshidiso	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Dubic Library           Tihabane Community           Department of Health           Phothermfi Community Development           Rustenburg Local Municipality           Rustenburg Local Municipality           Rustenburg Local Municipality           Duya           Department Of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           DWA           Department Of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           Prothermfi Community	Electricity - Engineering Manager Member Deputv Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director ElA Assistant Director ElA Assistant Director AET Specialist Environmental Officer IDP Specialist Education Ward Committee Member Local Economic Development	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Sadrack Mr Shadrack Mr Slomon Mr Stephen Mr Stephen Mr T D Mr Thabo Mr Thabo Mr Thomas Mr T J Mr Thabo Mr Thomas Mr Thomas Mr Tidimalo Mr Tidimalo Mr Tidimalo Mr Tahepo Mr Willie Mrs Mrs Caroline Mrs Caroline Mrs Coloria Mrs Joelta Mrs Joelta Mrs JM Mrs Kathleen Mrs Kathleen	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutscane Balovi Molefe Lenake Volschenk Sebolai Raseapei Mahlaku Mopelwa Molefe Lesejane Matshidiso Soko	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Local Municipality Department of Education North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality DWA Department Of Education North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Phothemfi Community Rustenburg Local Municipality Rustenburg Local Municipality	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer Environmental Officer ROP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director EIA Assistant Director EIA Assistant Director EIA Environmetal Officer IDP Specialist Environmetal Officer IDP Specialist Education Ward Committee Member Local Economic Development Community Members	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Seaka Mr Shadrack Mr Steven Mr T D Mr Theon Mr T D Mr Thabo Mr Thabo Mr Thomas Mr Tidimalo Mr Theopo Mr Willie Mr Willie Mrs Conline Mrs CN Mrs Delta Mrs Jeanette Mrs Jam Mrs Jantheen	- Wardle le Roux Monageng Nkqothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Baloyi Molefe Lenake Volschenk Sebolai Kelobogile Shai Raseapei Mahlaku Mopefe Lesejane Matshidiso	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment           Rustenburg Dubic Library           Tihabane Community           Department of Health           Phothermfi Community Development           Rustenburg Local Municipality           Rustenburg Local Municipality           Rustenburg Local Municipality           Duya           Department Of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           DWA           Department Of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           Prothermfi Community	Electricity - Engineering Manager Member Deputv Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director ElA Assistant Director ElA Assistant Director AET Specialist Environmental Officer IDP Specialist Education Ward Committee Member Local Economic Development	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Shadrack Mr Shadrack Mr Shadrack Mr Stephen Mr Stephen Mr Stephen Mr T D Mr Thabo Mr Shean Mr Shean Mr Shean Mr Solia Mr Solia Mr Sheat Mr Sheat Mr Sheat Mr Sheat Mr Sheat Mr Shathleen Mr Shath	- Wardle le Roux Monageng Nkgothwe Lindsay Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Balovi Molefe Lenake Volschenk Sebolai Kelobogile Shai Raseapei Mahlaku Moopelwa Molefe Lesejane Mathidiso Soko Mabalane Ndlovu Simango	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM Kopano Joit Venture Magalies Water Board Thekwane Community Environmental Justice Networking Forum (EJNF) Magalies Water Board North West Department of Agriculture, Conservation & Environment Community Development Committee Photsaneng Consultative Forum Boitekong Community North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Development Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Rustenburg Local Municipality Department of Health Phothemfi Community Department Of Education North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality DwA Department Of Education North West Department of Agriculture, Conservation & Environment Rustenburg Local Municipality Rustenburg Local Municipality	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Assistant Director Civil Facilities Librarian Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director EIA Assistant Director EIA Assistant Director EIA Assistant Director EIA Commite Member Local Economic Development Community Members Coordinator Minning & Industrial Community Members Coordinator Minning & Industrial Community Members Coordinator Minning & Industrial Community Members -	
Mr Robin Mr Roelf Mr Roney Mr Sandy Mr Sean Mr Seaka Mr Shadrack Mr Steven Mr Steven Mr T D Mr T D Mr T D Mr T D Mr T D Mr Thabo Mr Tidimalo Mr Tidimalo Mr Tidimalo Mr Steven Mr Waldie Mr Waldie Mrs Mrs Caroline Mrs Caroline Mrs Coloria Mrs Kathleen Mrs Kathleen Mrs Maria Mrs Maria Mrs Maria Mrs Maria	- Wardle le Roux Monageng Nkgothwe Lindsav Lekota Gwebu Ramogale Sedikwe Mukhola Lephogole Suze Khutsoane Balovi Molefe Lenake Volschenk Sebolai Kelobogile Shai Raseapei Mahlaku Moopelwa Molefe Lesejane Mathaku Moopelwa Molefe Lesejane Mathaku Moopelwa Molefe Lesejane Mathaku Moopelwa Molefe Lesejane Mathaku Moopelwa Molefe Lesejane Mathaku Moopelwa Soko Mabalane Ndlovu Simango Selope	DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM           Kopano Joit Venture           Magalies Water Board           Thekwane Community           Environmental Justice Networking Forum (EJNF)           Magalies Water Board           North West Department of Agriculture, Conservation & Environment.           Community Development Committee           Photsaneng Consultative Forum           Boitekong Community           North West Department of Agriculture, Conservation & Environment.           Rustenburg Cocal Municipality           Rustenburg Public Library           Tihabane Community           Department of Health           Phothermit Community           Rustenburg Local Municipality           Rustenburg Local Municipality           Rustenburg Local Municipality           Department of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           DWA           Department Of Education           North West Department of Agriculture, Conservation & Environment           Rustenburg Local Municipality           Phothermit Community           Rustenburg Local Municipality           Phothermit Cocal Municipality           Phothermit Cocal Municipality	Electricity - Engineering Manager Member Deputy Headman Madibana Administrator Member Environmental Officer RDP Chairman - Community Member Community Member Environmental Health Practitioner Chairperson Integrated Environmental Management Reporter Marketing Director ElA Assistant Director ElA Assistant Director ElA Environmental Officer IDP Specialist Education Ward Commutee Member - Ward Commute Member Ward Commitee Member	
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Ms Brenda	Moila	Kopanang Care Centre for People with Disabilities	-	
Ms Charmaine	van Heerden	Rustenburg Civic Centre	-	
Ms CP	Mothaloga	Rustenburg Local Municipality	Ward Committee	
Ms Daphney	Mmitsinvane	Paardekraal Ward 22	Community Member	
Ms Dineo Ms DMM	Boutlwanyi Matlapeng	Boitekong Community Library Rustenburg Local Municipality	Librarian Develepment Prctitioneer	
Ms Doris	Modimokwane	Photsaneng Consultative Forum	Member	
Ms Durkije	Gilfillan	Lrc	Attorney: Regional Director	
Ms Elizabeth	Mpane	Mfidikwe Community	Community Member	
Ms Elizabeth	Rakgomo	Mfidikwe Community	Community Member	
Ms Erika	Wenhold	Kroondal and Ward 31Environmental Forum	Member	
Ms Francinah	Maema	Rustenburg Community Development Centre	Project Manager	
Ms Grace	Khunou	Photsaneng Community, Developemnt	Member	
Ms Innocentia	Senna	Boitekong Community	Community Member	
Ms Johanna Matyila	Matyila	ANC Youth Organisation	-	
Ms Joyce	Sedumedi	Tshepanang Basadi Cooperative	Member	
Ms Keitumetse	Mokgophe	South African Heritage Resource Agency	Provincial Manager: North West	
Ms KS	Seboka	Department of Social Services	Social Work Supervisor	
Ms L Ms Laura	Tumane Modimokwane	Rustenburg Local Municipality Photsaneng Consultative Forum	IDP Officer Member	
Ms Lisbeth	Molefe	Boitekong Community	Community Member	
		Ass Country Women of the World		
Ms Louise Ms Lydia	Smith Kalayamotho		Activist Member	
Ms Malmsey	Zitha	Socio-Economic Development: Northwest Province	Manager	
Ms Mary	Mphegele	Thekwane Community	Community Member	
Ms Motshabi	Mohlalisi	North West Department of Agriculture, Conservation & Environment	Administrator	
Ms NH	Kubheka	Rustenburg Local Municipality	Ward Committee	
Ms Nono	Mosimane	Boitekong Community	Community Member	
Ms Queen Ms Rachel	Quando Banda	Federated Mining and Allied Industries Mafidikwe Community	General Secretary Community member	<u> </u>
Ms Rachel Ms Refilwe	Banda Phakwe	Matidikwe Community Mfidikwe Community	Community member	<u> </u>
Ms Reotshepile	Tlhapane	Royal Bafokeng Holdings	Environmental Manager	
Ms RM	Monnakgotla	Department of Agriculture	-	
Ms Rosina	Maboe	Regional Youth with Purpose	-	
Ms Sebenzile	Ntshangase	DWA	Water Pollution Control Officer	
Ms Thabisile	Phumo	Anglo Platinum	Corporate Communication	
Ms Welheminah	Radebe	Paardekraal/Boitekong Community	Community Member	
Mumsy	Malebadi	Anglo Platinum	Environmental Coordinator Waterval Smelter	
NE	Sebophela	Lady Segone	-	
Nicolai	Massyn	Green Gain Consulting	Consultant	
Nishi	Haripursad	AP	-	
NKOAGATSE TIISETS		Private		
Nong	Leithogonolo	Photsaneng	-	
Obakeng	a.		-	
Ouma	Skosana	North West Department of Agriculture, Conservation & Environment	-	
Oupa Datianaa	Khunou	Ward 33 Mfidikwe	Secretary	
Patience Paul	Sebegoe	Rustenburg Local Municipality	- Director of Planning and Human Settlement (DP&HS)	
Paula	Khomo	Photsaneng Consultative Forum	Member	
Peet	Swyls	Anglo Plat	DSL	
Pierre	Malan	Anglo	SPM	
Piet	Botha	Anglo Platinum	UG2 Concentrator	
Pleasure	Mabyane	Royal Bafokeng Administration	Land Affairs Officer	
Pompiman David	Mpiti		Community leader	
Portia		Reception	RLM	
Pule	Soaisa	Anglo Platinum	Environmental Coordinator PMR	
Ratau	Seabelo	Anglo Platinum	Metallurgical Engineer	
Rebone		Morapedi	-	
Reotshopile	Tlhapane	Royal Bafokeng Administration	Environmental	
Robert	Nermanashi	NWDEDECT	Case Officer (Primary contact)	
Roney	de Janes	Madibana Community Anglo Platinum	ACT Headman	
Sarel Selvy	de Jager Rathuloane	Ward 33	Senior Metallurgist	
Sonje	Huyzen	RPM Hospital	- PHMS Corp Secretary	
Stanley	Molotsane	Photsaneng	Lekgotha	
Steven	Motau	RPM Sports Club	Club Manager	
Tebogo	Morapedi	Photsaneng	-	
	Setshedi	Municipality of Rustemburg	-	
Tefo				
Tefo Teresa	Taljaard	Royal Bafokeng Holdings	Investment Manager	
			Investment Manager N/A	
Teresa Thabiso Thabo	Taljaard - Modisakeng	Royal Bafokeng Holdings Mhdikwe -	N/A N/A	
Teresa Thabiso	Taljaard -	Royal Bafokeng Holdings	N/A	
Teresa Thabiso Thabo Thlareseng Tiny	Taliaard - Modisakeng Motlhami -	Royal Bafokeng Holdings Mhdikwe - Office of the Speaker - -	N/A N/A RLM N/A	
Teresa Thabiso Thabo Thlareseng Tiny Tobias	Taljaard - Modisakeng Mothami - Molotsane	Roval Bafokeng Holdings Mhdikwe - Office of the Speaker - Photsaneng	N/A N/A RLM N/A Mining portfolio lekotse traditional Authority	
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Teresa Thabiso Thabo Thareseng Tiny Tobias Tsheqofatso Tsoqo	Taljaard - Modisakeng Mothami - Molotsane	Roval Bafokeng Holdings Mhdikwe - Office of the Speaker - Photsaneng	N/A N/A RLM N/A Mining portfolio lekotse traditional Authority N/A N/A	
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Teresa Thabiso Thabo Thlareseng Tiny Tobias Tsheqofatso Tsogo Tumisang Victor	Taljaard - Modisakeng Mothami - Molotsane Molefe Motswadi - -	Roval Bafokeng Holdings Midiliwe - Office of the Speaker - Photsaneng Thekwana - - - - - - - - - - - - -	N/A N/A RLM N/A Mining portfolio lekotse traditional Authority N/A N/A	
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Teresa Thabiso Thabo Thlareseng Tiny Tobias Tsheqofatso Tsogo Tumisang Victor	Taljaard - Modisakeng Mothami - Molotsane Molofe Motswadi - - - Mtabane Dilsook	Roval Bafokeng Holdings Mhdikwe - Office of the Speaker - Photsaneng Thekwana - - - - - - - - - - - - -	N/A N/A RLM N/A Mining portfolio lekotse traditional Authority N/A N/A N/A N/A N/A Environmental Manager: Mining, Joint Ventures and Water Manager	nent
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Teresa Thabiso Thabo Thareseng Tiny Tobias Tsheqofatso Tsheqofatso Tsoqo Tumisang Victor Victor Vincent	Taliaard 	Royal Bafokeng Holdings         Midiliwe         -         Office of the Speaker         -         Photsaneng         Thekwana         -         -         -         Transnet         Anglo Platinum Limited         Photsaneng Primary         Tshukudu Primary	N/A N/A RLM N/A Mining portfolio lekotse traditional Authority N/A N/A N/A N/A Environmental Manager: Mining, Joint Ventures and Water Manager Principal HOD	nent
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4.2 Site Notices

Site Notice

#### PLATINUM



# **ENVIRONMENTAL AUTHORISATION**





Notice of environmental authorisation process, environmental management programme amendment and a waler use license amendment in accordance with the National Environmental Management Act (No. 107 of 1998) as amended (NEMA), the Minerals and Petroleum Resources Development Act (No. 28 of 2002) (MPRDA), and the National Water Act (No. 36 of 1998) (NWA).

#### Proponent: Anglo American Platinum Limited: Rustenburg Platinum Mines Limited

Project Location: Waterval Tailings ±4km's East of Rustenburg

Project Start Point: 25°39'23.12"\$ 27°18'21.34"E

Project End Point: 25°41'09.92"\$ 27°23'48.98"E

Independent Environmental Assessment Practitioner: WSP Environment and Energy Environmental Authorisation Processes for the proposed Re-mining of Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province.

Rustenburg Platinum Mines (RPM) located in Rustenburg in the North West Province propose to re-mine the Waterval Tailings Storage Facilities for reprocessing at the Western Limb Tailings Retreatment (WLTR) Facility. The project includes the proposed construction of a pipeline, a pump station, a pretreatment plant with a pumpstation, a booster station, a pollution control dam, an increase in the height of the Hoedspruit Tailings Storage Facility and the installation of IsaMills™ within Mainstream Inert Grinding (MIG) applications within the existing WLTR. The re-mined material will be piped to and processed at the existing WLTR Plant. The construction and the operational phases of the project are expected to commence in Q4 of 2013 and Q1 of 2015, respectively.

The project involves activities listed in terms of the National Environmental Management Act (NEMA) (No. 107 of 1998), water uses listed in the National Water Act (No. 38 of 1998) (NWA) and requirements of the Mineral and Petroleum Resource Development Act. (No. 28 of 2002) (MPRDA). In accordance with NEMA, the undertaking of certain listed activities requires environmental authorisation. The listed activities associated with the Re-mining project are as follows: Activity 9, 10, 11, 18, 22, 23 and 47. Additionally, Activity 6 of Government Notice Regulation 545 was identified which requires a Scoping and Environmental Impact Assessment (EIA) Process to be undertaken. An application for environmental authorisation was submitted to the North West Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT) on 21 August 2012.

In addition, water uses 21 (c), (i) and (g), listed under Section 21 of the NWA are relevant and will require authorisation from the Department of Water Affairs (DWA) in the form of an amendment to the existing Integrated Water Use License.

Furthermore, as the proposed project is located in a mine lease area, RPM is required to undertake an Environmental Management Programme Report (EMPR) Amendment process according to the MPRDA.

In order to ensure that you are registered as a Stakeholder or would like to participate and find out more about the project, please submit your name, contact information and interest in the matter to Jared O'Brien.

#### WHAT IS STAKEHOLDER ENGAGEMENT?

A process in which potential slakeholders are informed about the project and given an opportunity to comment on, or raise issues relevant to the proposed activities.

#### WHO ARE STAKEHOLDERS?

Any person, group of persons or organisation interested in and / or affected by an activity; and any organ of state that may have jurisdiction over any aspect of the activity.

#### **SCOPING REPORT**

The Scoping Report will be made available for public review at the following venues from 29 November 2012 – 27 January 2013:

- Thekwane TIhage Primary School;
- Mfidike Primary School;
- Fraser Alexander Offices at Waterval TSFs;
- Tlhabane Public Library;
- Rustenburg Local Municipality;
- Western Limb Tailings Retreatment Facility.

#### **PUBLIC MEETINGS**

The Public Meeting will be held at the Tshukudu High School on Thursday the 14th of February 2013 from 16:00pm to 17:30pm.

Should you wish to attend the Public Meeting please respond to Jared O'Brien by 13 February 2013.

#### FOR MORE INFORMATION, OR TO REGISTER AS AN INTERESTED OR AFFECTED PARTY, CONTACT:

Jared O'Brien WSP Environment and Energy

**T** 011 361 1396

- F 086 505 3939
- E Jared.OBrien@WSPgroup.co.za

PO Box 5384, Rivonia, 2128





# THEBOLO YA TIKOLOGO





Nolice Kilsiso ya Isamaiso ya Ihebolo ya tikologo, phetolo ya pegelo ya lenanco la taolo ya tikologo le phetolo ya laesense ya tiriso ya metsi go ya ka Molaotlhomo wa Naga wa Taolo ya Tikologo (No. 107 wa 1998) o tlhabolotswe (NEMA), Molaotlhomo wa Tihabololo ya Ditlamelwa tsa Diminerale le Peteroliamo (No. 28 wa 2002) (MPRDA), le Molaotlhomo wa Metsi wa naga (No. 36 wa 1998) (NWA).

#### Mothagisi:

Anglo American Platinum Limited: Rustenburg Platinum Mines Limited.

Project Location: Waterval Tailings ±4km's East of Rustenburg

Ntlhatshimololo ya Porojeke: 25°39'23.12"S 27°18'21.34"E

Ntlhapheletso ya Porojeke: 25°41'09.92"S 27°23'48.98"E

Modiredi yo o ikemetseng wa Tihatihobo ya tsa Tikologo: WSP Tikologo le Maatla Tsamaiso ya Thebolo ya Tikologo malebana le Tshikhinyo ya go epa gape Ditlamelwapolokelo tsa Masaledi tsa Anglo American Platinum, Waterval tse di leng kwa Rustenburg mo Porofenseng ya Bokonebophirima.

Ditirelo tsa moepo tsa Rustenburg Platinum Mines (RPM) tse di kwa Rustenburg mo Porofenseng ya Bokonebophirima, e tshikhinya go epa gape Dillamelwapolokelo Isa Masaledi tsa Waterval ka maikaelelo a go di tsweletsa kwa Madirelong a Western Limb Tailings Retreatment (WLTR). Porojeke e akaretsa tshikhinyo ya go aga metato ya dipeipi, seteišene sa pompo, polante ya paakanyetso, seteišenetsosoloso, lamolshoganyelso ya boduliso jwa diela, lamo ya taolo ya kgotlelego, kgodiso ya bogodimo jwa Ditlamelwapolokelo tsa Masaledi tsa Hoedspruil, le lihomo ya IsaMills<sup>TM</sup> mo dilirisong tsa Kelelokgolong e e Emeng ya Tshilo (MIG) mo go WLTR e e leng teng. Dilwana tse di tla epiwarg gape di Ila nIshiwa ka dipeipi mme Isa tsweletswa kwa polanteng e e teng ya WLTR. Go solofetswe gore tiro ya go aga e fitlhe pheletsong ka 2014 e be porojeke e simolola ka 2015.

Porojeke e akaretsa ditiro tse di neetsweng go ya ka Molaothomo wa Naga wa Taolo ya Tikologo (NEMA) (No. 107 wa 1998), tiriso ya metsi e e neetsweng mo go Molaotlhomo wa Naga wa Metsi (No. 38 wa 1998) (NWA), le dillhokego Isa Molaollhomo wa Thabololo ya Ditlamelwa tsa Diminerale le Peteroliamo (No. 28 wa 2002) (MPRDA). Go ya ka NEMA, tiragatso ya ditiro dingwe tse di naneofaditsweng e tlhoka thebolo ya tsa tikologo. Ditiro tse di kwadilweng tse di tsamaelanang le porojeke ya go epiwa gape ke tse di latelang: Tiro 9, 10, 11, 18, 22, 23 le 47. Go feta fa, Tiro 6 ya Kitsiso ya Molawana wa Puso wa 545 e lemogilwe, e e thokang Tsamaiso ya Tlhatlhobo ya Boalo jwa Seabe go Tikologo (EIA). Go tsentswe kopo ya thebolo ya tikologo go Lefapha la Tlhabololo ya Ikonomi, Tikologo, Tsholo le Bojanala la Porofense ya Bokonebophirima, (NWDEDECT) ka la 21 August 2012.

Go tlaleletsa fa, tiriso ya metsi ya 21 (b), (c) le (i), tse di kwadilweng mo go Karolo 21 ya NWA, e ka nna maleba mme e ka tlhoka thebolo go tswa go Letapha la tsa Metsi (DWA) ka tsela ya laesense ya tiriso ya metsi e ntšhwa kgotsa e e tlhabolotsweng, kgotsa thebolokakaretso.

Go Ilaleletsa fa, ka gobo porojeke e e tshikhinngwang e le mo karolokhirong ya moepo, RPM e tlhoka go dira tsamaiso ya Paakanyo ya Pegelo ya Lenaneo la Taolo (EMPR) go ya ka MPRDA.

Go netefatsa gore o ikwadisitse jaaka Mong, kgotsa go bona tse dingwe malebana le porojeke, tsweetswee neela leina la gago, tshedimosetsokgokagano mmogo le kgatlhego mo kgannye e, ka Letlha le le neetsweng, go Jaroc O'Brion.

#### BOTSAAKAROLO JWA MONG KE BOFE?

I samaiso c mo go yona beng ba ba akanyetswang ba itsisiweng ka ga porojeke le go neelwa tšhono ya go tshwaela kgotsa go neela dintlha malebana le ditiro tse di tshikhinngwang.

#### **BENG KE BOMANG?**

Mongwe fela, setlhopha sa batho kgotsa setlamo se se nang le kgatlhego go, e bile/kgotsa se amiwa ke tiro; sere sa puso se se nang le tisosemolao mo karolong nngwe ya tiro c.

#### **PEGELO YA BONAMO**

Pegelo ya Bonamo e tlaa neelwa morafe go thadisiwa kwa mafelong a a latelang: 29 November 2012 – 27 January 2013:

- Sekolopotlana sa Thekwane Tlhage;
- Sekolopotlana sa Mfidike;
- Fraser Alexander Dikantoro kwa Waterval TSFs;
- Tlhabane Librarya ya botlhe;
- Rustenburg Masepala wa selegae;
- Ditabakelo tsa Bophiriwa Limb Tailings Retreatment Facility.

#### **DIPITSO TSA BOTLHE**

■ Sekolo se segole sa Tshukudu (14/02/2013, 16:00pm - 17:30pm)

Fa o thoka kaelotsela go ya go lengwe la malelo a, isweelswee romela kopo go Jared O'Brien (13 February 2013)

#### GO BONA TSHEDIMOSETSO E NNGWE, KGOTSA GO IKWADISA JAAKA MOTHO YO O NANG LE KGATLHEGO KGOTSA YO O AMEGANG, GOKAGANA LE:

Jared O'Brien WSP Tikologo le Maatla

- **T** 011 361 1396
- F 086 505 3939
- E Jared.OBrien@WSPgroup.co.za

PO Box 5384, Rivonia, 2128



Site Notice Placement Photo plate

### Re-Processing of the Waterval TSFs Project - Site Notices Photo Plate

















4.3 Background Information Document

**Background Information Document** 

Environmental Authorisation Processes for the proposed Re-processing of Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province

### **Detailed Project Description**

Anglo American Platinum Limited: Rustenburg Platinum Mines (RPM) mining operations are located in Rustenburg, in the North West Province. The Waterval Tailings Storage Facilities (TSFs), which are positioned in the RPM lease area, are located 4 km east of Rustenburg, 1.5 km west of Bokamoso, 3.5 km north of Waterkloof and 3.5 km south of Boitekong. The Waterval TSFs (East and West facilities) were previously used to deposit tailings material from mineral processing operations. Following tests conducted on the Waterval tailings, latent reserves have been identified that warrant the re-processing of the tailings. The re-processing of the Waterval TSFs was authorised by the Department of Minerals and Energy (now the Department of Mineral Resources) as part of an amendment to the existing Environmental Management Programme (EMPR) in 2002. Although authorised, the re-processing of the Waterval tailings has not yet commenced. Recent changes to proposed infrastructure and the layout of the project require the EMPR to be amended again. Additionally, some of the changes involve activities for which environmental authorisation from the North West Provincial Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT) will be required.

The re-processing involves the use of hydraulic hoses, which sluice the face of the tailings. The resulting slurry collects in a sump via a system of drains or launders and into a collection sump. The West TSF will be processed in three benches, namely an upper, middle and lower bench, each 14 m, 12 m and 12 m in height respectively. The East TSF will be processed in two benches, an upper and lower bench, each being 12 m in height. The slurry will then be pumped (via a proposed pump station) through a proposed pipeline to the Western Limb Tailings Retreatment (WLTR) Plant. The project thus includes the proposed construction of a pipeline, a pre-treatment plant with a pump station, a booster station, a Pollution Control Dam and the installation of IsaMills<sup>TM</sup> within Mainstream Inert Grinding (MIG) applications.

A pre-treatment plant will be incorporated into the pump station, including a receiving facility, screening, surge tanks and thickeners, which are proposed to pre-treat the slurry before piping it to the WLTR Plant. The pre-treatment plant will also be used for water recovery prior to piping the slurry to the WLTR plant.

At the WLTR plant, the minerals contained in the tailings material will be extracted from the slurry. The WLTR Plant was initially constructed to re-treat tailings material from the Klipfontein TSF, which is located 6 km south east of the Waterval TSFs. The re-processing of the Klipfontein TSF is expected to reach completion in 2014, at which point the re-processing of the Waterval TSFs will be initiated.

The process, design and layout changes to the re-processing of the Waterval TSFs project include: a change to the location of the proposed pump station with the inclusion of a pre-treatment plant; the construction of at least one booster pump station along the pipeline, an amendment to the proposed pipeline route; the construction of a pollution control dam (PCD); and the addition of 4 IsaMills<sup>TM</sup> within Mainstream Inert Grinding (MIG) applications in the WLTR Plant facility. Refer to Locality Map A for a site location and proposed layout plan. The IsaMills will increase the efficiency of the WLTR by grinding the tailings material to a finer grade. The MIG Plants therefore increase the percentage of the precious metals and base metals that can be extracted from the tailings material.

**WSP Environment and Energy (WSP)** was appointed as the independent environmental assessment practitioner to undertake the environmental authorisation process for the project and to facilitate stakeholder engagement.





### **Purpose of this Document**

This background information document (BID) introduces all stakeholders to the proposed project. This document forms part of the stakeholder consultation process, undertaken as a component of the environmental authorisation process and is intended to provide stakeholders with adequate information to comment on the project.

The BID details the project, the environmental authorisation process, the role of stakeholders in the process as well as to encourage stakeholders to comment on the project, ask questions and raise issues that should be included in the project documents. Aside from this document, at various stages of the environmental authorisation process, information and reports will be made available for stakeholders to comment on.

### Legal framework

In accordance with National Environmental Management Act (No. 107 of 1998) as amended (NEMA) Environmental Impact Assessment Regulations (EIA) 2010, Government Notices (GNs) 544 and 545, the undertaking of certain listed activities requires environmental authorisation.

The activities listed in GN 544 associated with the proposed project include:

- Activity 9: The construction of facilities or infrastructure exceeding 1000 metres in length for the bulk transportation of water, sewerage or storm water-Ι.
  - With an internal diameter of 0.36 metres or more; or
  - With a peak throughput of 120 litres per second or more, П.
- Activity 10: The construction of facilities or infrastructure for the transmission and distribution of electricity (i) outside urban areas or industrial complexes with a capacity of more than 33 kV but less than 275 kV; or (ii) inside urban areas or industrial complexes with a capacity of 275 kV or more.
- Activity 11 (iii):The construction of bridges or infrastructure where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.
- Activity 18 (i): The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock or more than 5 cubic metres from a watercourse;
- Activity 22: The construction of a road, outside urban areas,
  - With a road reserve wider than 13.5 metres or. 1
- Where no reserve exists where the road is wider than 8 metres. Π.
- Activity 23: The transformation of undeveloped, vacant or derelict land to-
  - Residential, retail, commercial, recreational, industrial or institutional use, inside an urban area, and where the Ι. total area to be transformed is 5 hectares or more, but less than 20 hectares, or
  - Residential, retail, commercial, recreational, industrial or institutional use, outside an urban area, and where the 11. total area to be transformed is bigger than 1 hectare but less than 20 hectares.
- Activity 47: The widening of a road by more than 6 meters, or the lengthening of a road by more than 1 kilometre (i) where the existing reserve is wider than 13.5 meters; or (ii) where no reserve exists, where the existing road is wider than 8 meters - excluding widening or lengthening occurring inside urban areas.

The activity listed in GN 545 associated with the proposed project is Activity 6 (ii): The construction of facilities or infrastructure for the bulk transportation of dangerous goods - In liquid form, outside an industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 50 cubic metres per day. Application for environmental authorisation for activities listed in GN 545 requires that a Scoping and EIA process be undertaken.

The proposed pipeline route will cross a watercourse, and a new proposed pollution control dam will be constructed. The following water use activities listed under Chapter 4. Section 21 of the National Water Act (No. 38 of 1998) (NWA) are considered relevant and will require authorisation in the form of an amended to the existing Integrated Water Use Licence (WUL):

- 21 (c): impeding or diverting the flow of water in a watercourse
- 21 (i): altering the bed, banks, course or characteristics of a watercourse
- 21 (g): disposal (storage) of water containing waste.

The proposed project is located in a mine lease area however, certain components fall on land not owned by the RPM. The RPM is required to undertake an Environmental Impact Assessment Report and Environmental Management Programme Report (EMPR) Amendment process, in line with the Minerals and Petroleum Resource Development Act (No 28 of 2002) (MPRDA). The North West Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT), the North West Department of Mineral Resources (NWDMR), and the Department of Water Affairs (DWA) will be responsible for authorising the NEMA EIA process, the EMPR Amendment and the Integrated WUL amendment process respectively.





### Stakeholder Consultation Process

The purpose of stakeholder engagement is to consult with interested and affected parties in the public and projects which may affect them. The process aims to develop and maintain open channels of communication express their views and concerns regarding the proposed project through project correspondence. The project team and relevant authority aware of issues that need to be considered during the compilation and valuation of the potential risks and impacts associated with the project.

### Who is a Stakeholder?

Any person, group of persons or organisation interested and/or affected by the proposed development.

To become a registered stakeholder and to receive further correspondence about the EIA/EMPR Amendment process, or to provide comment on the proposed project, kindly send your contact details and comments to Jared O'Brien:

Tel: Fax: Address: Email:

086 505 3939 Jared.OBrien@wspgroup.co.za

A comment sheet has is attached to this document for your convenience.

### Stakeholder Engagement

The first steps are to notify the public and identified stakeholders of the proposed project and invite all stakeholders to public meetings through the following mediums:

- Newspaper advertisements in the Daily Sun and Rustenburg Herald on 29 November 2012 and 14 December 2012;
- Site notices in and around the project area on 28 November 2012;
- Written notification letters to surrounding landowners and municipal ward councillors on 28-29 November 2012; and
  - Distribution of the BID to stakeholders 27 & 28 November 2012 and 10 January 2013.

### PUBLIC MEETING

A public meeting will be held in order to outline the details of the project to stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the project. The Public Meeting will be held at the Tshukudu High School on Thursday the 14<sup>th</sup> of February 2013 from 16:00pm

to 17:30pm.

Should you wish to attend one of the Public Meeting, please respond to Jared O'Brien by 07 February 2013.

### Scoping Report and EIAR/EMPR Amendment Report for Public Review

A Scoping Report was compiled in accordance with the NEMA and the MPRDA, and outlines the process that will be followed for stakeholder engagement and for EIA Phase of the project. This report describes the receiving environment and lists the potential impacts of the project as identified in the Scoping Phase. The report indicates the specialist studies (including methodologies) that are being undertaken to investigate identified impacts. The draft Scoping Report is on public and state department review for a period of 40 days prior to submission to the NWDEDECT and the NWDMR.

### PUBLIC REVIEW OF SCOPING REPORT

The Scoping Report is available for public review at the following venues from 29/11/2012 – 27/01/2013:

Thekwane Tlhage Primary School;

Mfidike Primary School;

UG2 Concentrator Reception;

Thabane Public Library in Rustenburg;

Rustenburg Local Municipality;

Western Limb Tailings Retreatment Facility.

Subsequent to the Scoping Report, an EIAR/EMPR Amendment report will be compiled. This report will outline the stakeholder consultation process and include all comments or issues raised during the process. Additionally, the report will rate the anticipated impacts against a ratings table in order to assess the severity, duration, extent and significance of the impact, and include any cumulative impacts on the receiving environment. Mitigation measures will be developed in order to minimise negative impacts associated with the project. The draft EIAR/EMPR Amendment will also be placed on public and state department review for a period of 40 days prior to submission to the NWDEDECT and the DMR.

Kindly register with Jared O'Brien in order to receive information about the location of the draft reports and review period via email, facsimile, telephone, registered mail and/or SMS. Any comments received will be addressed and included in the report prior to the final drafts being submitted to the responsible departments for review and authorisation.





### **Registration and Comments Sheet**

To be a registered stakeholder and ensure all comments and queries regarding this project are accurately documented and addressed please forward your comments and contact details with the attached response sheet to:

Jared O'Brien WSP Environmental (Pty) Ltd Address: P.O. Box 5384, Rivonia, 2128 Tel: 011 361 1396 Fax: 086 505 3939 Email: Jared.OBrien@wspgroup.co.za

Please insert your personal details below:

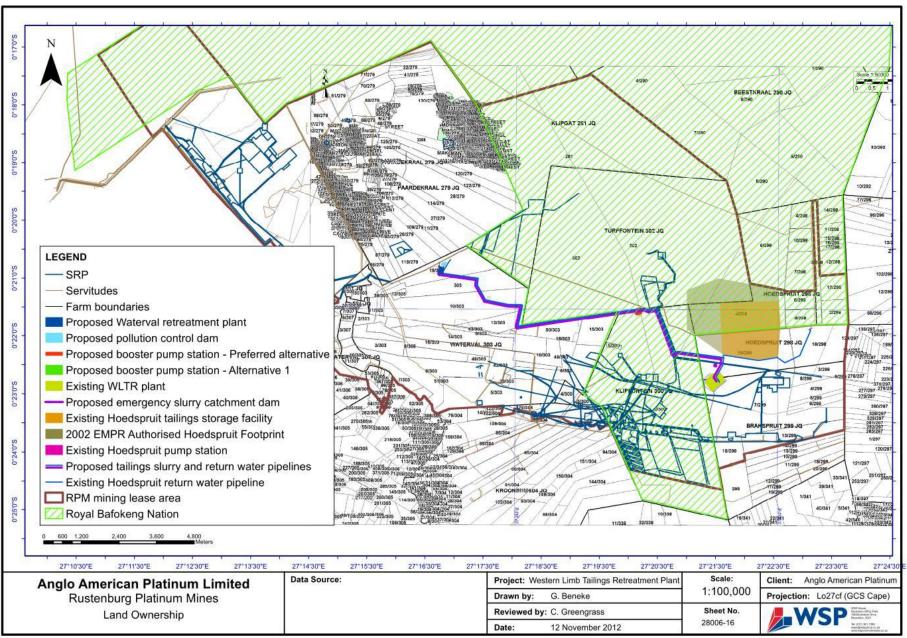
Name:	
Organisation & Designation:	
Address:	
Tel:	
Fax:	
E-mail:	

Please list your interest in the project and comments below:





### Locality Map A







Tsamaiso ya Tumelelo ya Tikologo malebana le tshikhinyo ya go Epa gape Ditirelopolokelo tsa Masaledi a Waterval, tsa Anglo American Platinum tse di fitlhelwang kwa Rustenburg, mo Porofenseng ya Bokonebophirima

### DOKHIUMENTETSHEDIMOSETSO YA LEMORAGO

### Tlhaloso ka botlalo ya Porojeke

Anglo American Platinum Limited: Rustenburg Platinum Mines (RPM) e fithelwa gaufi le Rustenburg, mo Porofenseng ya Bokonebophirima. Ditirelopolokelo tsa Waterval Tailings (diTSF), tse di fithelwang mo karolong ya khiro ya RPM, di fithelwa 4 km kwa bothaba jwa Rustenburg, 1.5 km kwa Bophirima jwa Bokamoso, 3.5 km kwa bokone jwa Waterkloof le 3.5 km kwa borwa jwa Boitekong. Kwa tshimologong diTSF tsa Waterval (Ditirelo tsa Bothaba le Bophirima) di ne di dirisediwa go boloka masaledi go tswa go ditiro tsa tsweletso ya diminerale. Morago ga diteko tse di dirilweng ka ga masaledi a Waterval, go lemogilwe dirasefe tse di leng teng, tse di thotheleditseng gore go epiwe gape masaledi a.

Go epiwa sešwa ga diTSF go rebotswe ke Lefapha la Diminerale le Maatla (le gajaana le bidiwang Lefapha la Ditlamelwa tsa Diminerale), e le karolo ya tlhabololo ya Lenaneo la gajaana la Taolo ya Tikologo (EMPR), ka ngwaga wa 2002. Le fa go rebotswe, go epiwa gape ga masaledi a Waterval ga go ise go simolole. Diphetogo tsa gajaana malebana le dithulaganyetso tse di tshikhinngwang mmogo le bonamo jwa porojeke di tlhoka gore EMPR e tlhabololwe gape. Go feta fa, diphetogo dingwe di akaretsa ditiragalo tse di tlhokang thebolo ya tsa tikologo go tswa go Lefapha la Ikonomi le Tlhabololo, Tikologo, Pabalelo le Bojanala, la Porofense ya Bokonebophirima (NWDEDECT).

Tsamaiso ya go epa gape e akaretsa tiriso ya megogoma ya haederoliki, e e tholang 'morwalela' wa seela godimo ga masaledi a. Diela tse di epa meselo mme di kokoanela mo megobeng. TSF ya Bophirima e tla epiwa ka dikgato di le tharo, e bong kgato ya godimo, ya magareng le ya tlase, nngwe le nngwe e le bogodimo jwa 14 m, 12 m le 12 m ka tatelano eo. TSF ya Bothaba e tla epiwa ka dikgato di le pedi, kgato ya godimo le ya tlase, nngwe le nngwe e le bogodimo jwa 12 m. Seela se tla pompiwa ( ka tiriso ya seteišene se se tshikhinngwang sa pompo), ka moselo wa peipi o o tshikhinngwang go ya kwa Polanteng ya Western Limb Tailings Retreatment (WLTR). Ka jalo porojeke e e akaretsa kago e e tshikhinngwang ya mogogoma. seteišene sa go pompela, polante e e baakanngwang, seteišene sa busetara, Tamo ya Talo ya Kgotlelego mmogo le tlhomo ya The IsaMills<sup>TM</sup> mo tirisong ya " Mainstream Inert Grinding (MIG)".

Polante ya paakanyetso e tla akarediwa le seteišene sa pompo, go akarediwa le tirelokamogelo, kanoko, ditanka tsa kgogomogo le digogomosi, tse di tshikhinngwng gore di baakanyetse seela pele se pompelwa mo polanteng ya WLTR.

Kwa planting ya WLTR, dimenerale tse di mo dilwaneng tsa masaleding di tla ntshiwa mo seeleng. Kwa tshimologong polante ya WLTR e ne e agetswe go baakanyetsa dilwana tsa masaledi go tswa go TSF ya Klipfontein, e e leng 6 km kwa borwabotlhaba jwa diTSF tsa Waterval. Go epiwa gape ga TSF ya Klipfontein go lebeletswe go konosediwa ka 2014, fa go tla bong go simololwa go epiwa gape ga diTSF tsa Waterval.

Diphetogo tsa tiragatso e, tlhamo le boalo tsa go epiwa gape ga porojeke ya diTSF tsa Waterval di akaretsa: phetolo ya lefelo la seteišene se se tshikhinngwang sa pompo, go akarediwa le polante ya paakanyetso; kago ya seteišenetsosololso se le sengwe go bapa le moselo wa peipe, phetogo ya tsela ya moselo wa peipe; kago ya tamo ya taolo ya kgotlelego (PCD); le koketso ya 4 IsaMills<sup>TM</sup> mo tirelong ya tshilo e e emeng (MIG) ya polante ya WLTR. Tlhola Mmapa wa Selegae wa A malebana le lefelo la setsha le thulaganyo ya boalo. IsaMills e tla godisa bokgoni jwa WLTR ka go sila dilwana tsa masaledi gore di nne boleng jo bo thothwa. Ka jalo Dipolante tsa MIG di oketsa peresente ya metale e e ka ntshiwang go dilwana tsa masaledi.

WSP Environment & Energy (WSP) e thophilwe go nna modiredi yo o ikemetseng wa thathobo ya tikologo go diragatsa thebolo ya porojeke le go tsamaisa botsayakarolo jwa beng.





### Maikaelelo ka Dokhiumente e

Dokhiumente e ya tshedimosetso ya lemorago (BID) e itsise beng botlhe ka ga porojeke e e tshikhinngwang. Dokhiumente e ke karolo ya tiragatso ya therisano le beng, e le karolo ya tsamaiso ya thebolo ya tikologo, mme maikaelelo ka ga yona ke go neela beng tshedimosetso e e lekanetseng gore ba kgone go tshwaela malebana le porojeke.

BID e neela dintlha tsa porojeke ka botlalo, tsamaiso ya thebolo ya tikologo, mmogo le seabe sa beng mo tsamaisong e, le go rotloetsa beng go tshwaela malebana le porojeke, le go botsa dipotso kgotsa go neela dintlha tse di tshwanetseng go akarediwa mo didokhiumenteng tsa porojeke. Kwantle ga dokhiumente e, go ya go neelwa tshedimosetso le dipegelo mo tsamaong ya dikgato tse di farologaneng tsa porojeke, malebana le tsamaiso ya thebolo ya tikologo, gore beng ba tshwaele.

### Letlhomeso la semolao

Go ya ka Molaotlhomo wa Naga wa Taolo ya Tikologo (No. 107 wa 1998) o o tlhabolotsweng (NEMA), Melawana ya Tlhatlhobo ya Seabe sa Tikologo (EIA) 2010, Dikitsiso tsa Puso (GNs) 544 le 545, ditiragatso tsa ditiro dingwe tse di naneofaditsweng di tlhoka thebolo ya tsa tikologo.

Ditirgatso tse di naneofaditsweng mo go GN 544 tse di amanang le porojeke e e tshikhinngwang di akaretsa:

- Tiro ya 9: Kago ya ditlamelwa kgotsa dithulaganyetso tse di fetang dimetara di le 1000 ka boleele malebana le go roriwa ga mothamo o mogolo wa -metsi, leswe le metsi a morwalela
  - I. Ka daemetha ya bogare ya dimetara di le 0.36 kgotsa go feta; kgotsa
  - II. Ka lebelolegolo la dilitara di le 120 kgotsa go feta ka motsotswana.
- Tiro ya 10: Kago ya ditlamelwa kgotsabdithulaganyetso malebana le tsamaiso le phatlalatso ya motlakase (i) ka fa ntle ga metsesetoropo kgotsa dikago tsa difaboriki tsa tekanyetso ya go feta 33 kV mme e le kwa tlase ga 275 kV; kgotsa (ii) mo metsesetoropong kgotsa difaboriking ka mothamo wa 275 kV kgotsa go feta.
- Tiro ya 11 (iii) ; Kago ya marogo kgotsa dithulaganyetso fao e leng gore kago e e diragala dimetara di le 32 gaufi le moedi, go lekanyetswa go tswa losing lwa moedi, kwantle ga fa kago e dirwa ka fa morago ga mola wa leparego lengwe.
- Tiro ya 18 (i): Go tsenngwa kgotsa go tlaleletswa ga dilwana tsa dikhiubiki tsa dimetara di le 5, kgotsa go epololwa le fa e le go tloswa ga mmu, santa, dikgetla matlapana kgotsa matlapa a go feta dikhiubiki tsa dimetara di le 5 go tswa bobolokelong;.
- Tiro ya 22: Kago ya tsela, ka fa ntle ga metsesetoropo, Activity 22:
  - I. Fao tsela e fetang bophara jwa dimetara di le 13.5 kgotsa,
- II. Fao go seng rasefe mo tsela e leng bophara bo fetang dimetara di le 8.
- Tiro ya 23: Tlhabololo ya naga e e sa tlhabologang, le le lolea, go nna-
  - I. Felo ga bodulo, ga kgwebo, ga boitapoloso kgotsa ga difaboriki kgotsa ditheo, mo motsesetoropong, fao lefelo le le tlhabololwang le leng bogolo jwa diheketara di le 5 kgotsa go feta, mme le le ka fa tlase ga diheketara di le 20, kgotsa
  - II. Tiriso ya lefelo ka bodulo, kgwebo, boitapoloso, difaboriki kgotsa ditheo, ka fa ntle ga metsesetoropo, fao lefelo le le tlhabololwang le leng legolo go heketara mme le le ka fa tlase ga diheketara di le 20.
- Tiro ya 47: Gooketsa bophara jwa tsela ka dimetara di feta 6, kgotsa go e leelefatsa ka go feta kilometara (i) fao rasefe e e leng teng e leng bophara jo bo fetang dimetara di le 13.5; kgotsa (ii) fao go se nang rasefe, mme tsela e e leng teng e le bophara jo bo fetang dimetara di le 8 kwantle ga fa koketso ya bophar kgotsa boleele e diragala ka fag are ga metsesetoropo.

Tiro e e boletsweng mo go GN 545 e e golaganang le porojeke e e tshikhinngwang ke Tiro ya 6 (ii): go agiwa ga ditlamelwa kgotsa dithulaganyetso malebana le go roriwa ga bontsi jwa dilwana tse di kotsi – e le diela, ka fa ntle ga madirelo a faboriki, go dirisiwa dipeipi tsa boleele jo bo fetang dimetara di le 1000, ka mothamo wa dikhiubiki tsa dimetara di le 50 ka letsatsi. Kopo ya thebolo ya tikologo ya ditiro tse di naneofaditsweng mo go GN 545 e tlhoka gore tsamaiso ya Scoping le EIA e diragadiwe.

Tsela e e tshikhinngwang ya metato ya dipeipi e tla kgabaganya moedi, mme tamo e ntšhwa e e tshikhinngwang ya taolo ya kgotlelego mmogo le bodutisotshoganyetso jwa diela di tla agiwa. Ditiriso tsa metsi tse di latelang, tse di neetsweng mo go Kgaolo 4, Karolo 21 ya Molaotlhomo wa Naga wa wa Metsi (No. 38 wa 1998) (NWA), di <u>ka</u>nna maleba mme d<u>i ka</u> tlhoka thebolokakaretso kgotsa Laesense e ntšhwa/e e tlhabolotsweng ya tiriso ya metsi (WUL):

- 21 (b): bobolokelo jwa metsi,
- 21 (c): kganelo kgotsa phaposo ya kelo ya metsi mo moeding,
- 21 (i): phetolo ya losi kgotsa mabopo a moedi.

Porojeke e e tshikhinngwang e fitlhelwa mo karolokhirong ya mmaene, le Fa golejalo karolo dinngwe tsa lofase ha se tsa RPM. RPM e lebeletswe gone e kwale Pegelo ya Tlhatlhobo ya Seabe go Tikologo mmogo le Pegelo ya Lenaneo la Taolo ya Tikologo (EMPR) tsamaiso e e fetotsweng, go ya ka Molaotlhomo wa Tlhabololo ya Ditlamelwa tsa Peteroliamo le Diminerale (no. 28 wa 2002) (MPRDA). Lefapha la Ikonomi le Tlhabololo, Tikologo, Pabalelo le Bojanal la Porofense ya Bokonebophirima (NWDEDECT), Lefapha la Ditlamelwa tsa Diminerale la Bokonebophirima (NWDMR), mmogo le Lefapha la Ditirelo tsa Metsi(DWA) a tla rwala boikarabelo jwa go rebola tsamaiso ya NEMA EIA, Tlhabololo ya EMPR mmogo le WUL ka tatelano eo.





### Tsamaiso ya therisano ya beng

Maikaelelo ka go akaretsa le beng ke go rerisana le ditokololo tse di amegangmo maphateng a bothe le a poraefete malebana le tsamaiso ya go tsaya tshwetso malebana le diporojeke tse dib a amang. Tsamaiso e e ikaelela go godisa le go tshola thaeletsano magareng a setlhopha sa porojeke le beng. Tsamaiso e e neela beng tŠhOnO ya go tlhagisa dikakanyo le tshwenyego ya bona malebana le porojeke e e tshikhinngwang ka mosele wa tlhaeletsano. Modiredi wa tlhatlhobo ya tikologo o kwala dikakanyo le tshwenyego ya beng, mme o tsibosa setlhopha sa porojeke mmogo le bathati ba ba maleba malebana le dintlha tse di tlhokang go tsewa tsia ka nako ya kokoanyo ya dintlha tsa kotsi le seabe tse di amanang le porojeke.

### Beng ke bomang?

Mongwe fela, kgotsa setihopha sa batho le fa e le mokgatiho o o nang le kgatihego kgotsa o amega mo tihabololong e e tshikhinngwang.

Go nna mong yo o ikwadisitseng le go amogela thaeletsano ka ga tsamaiso ya Tlhabololo ya EIA/EMPR, kgotsa go tshwaela malebana le porojeke e e tshikhinngwang, tsweetswee romela dintlha tsa gago tsa tlhaeletsano le tshwaelo ya gago go Jared O'Brien: Tel: 011 361 1396 Fax: 086 505 3939 Address: P.O. Box 5384, Rivonia, 2128 Email: Jared.OBrien@wspgroup.co.za

Papetlana ya ditshwaelo e mametleletswe mo dokhiumentena e ao ao thusa.

### Botsaakarolo jwa Beng

Kgato ya ntlha ke go itsise morafe le beng ba ba lemogilweng, malebana le porojeke e e tshikhinngwang, le go laletsa beng botlhe pitso, ka meselo e e latelang:

- Papatso ya kuranta mo go Daily Sun le Rustenburg Herald ka la 29 Ngwanatsele 2012 le 14 Sedimonthole 2012;
- Dikitsiso mo setsheng le mo karolong ya porojeke ka la 28 Ngwanatsele 2012;
- Makwalokitsiso go benglefatshe ba ba mabapi le bakhanselara ka la 28-29 Ngwanatsele 2012; le
- Phasalatso ya BID go beng ka la 27 & 28 Ngwanatsele 2012 le 10 Ferikgong 2013.

### **DIPITSO TSA BOTLHE**

Dipitso tsa botlhe di tshwarwa go tlhalosetsa beng diteng tsa porojeke le go ba neela tšhono ya go botsa dipotso le go supa dintlha le kotsi tse di tsamaelanang le porojeke. Ka jalo beng ba biletswa pitsong e:

Sekolo se segole sa Tshukudu (14/02/2013, 16:00pm - 17:30pm)

Fa o tlhoka kaelotsela go ya go lengwe la mafelo a, tsweetswee romela kopo go Jared O'Brien (07/02/2013).

### Pegelo ya Bonamo le pegelo ya Paakanyo ya EIAR/EMPR go thadiswa ke morafe

Pegelo ya bonamo e tla kokoanngwa go ya ka NEMA le MPRDA, mme e tla tlhalosa tsamaiso e e tla latelwang malebana le seabe sa beng mo Kgatong ya EIA ya porojeke. Pegelo e, e tlhalosa tikologokamogelo mme e tla neela lenaneo la seabe sa diporojeke jaaka se lemogilwe mo kgatong ya Bonamo. Pegelo e tla supa tshekatsheko ya baitseanape (go akarediwa mekgwatshekatsheko), e e tla dirwang go batlisisa seabe se se lemogilweng. Pegelotlhomo ya Bonamo e tla neelwa morafe le mafapha a puso malatsi a le 40 pele e ka neelwa NWDEDECT le NWDMR.

### TTHADISO YA MORAFE YA PEGELO YA BONAMO

Dikhophi tsa Pegelo ya Bonamo di tla neelwa morafe kwa mafelong a a latelang go simolola ka la 29/11/2012 – 27/01/2012:

- Sekolopotlana sa Thekwane Tlhage;
- Sekolopotlana sa Mfidike;
- Kantorong ya kamogelo ya UG2 Concentrator;
- Tlhabane Librarya ya botlhe, Rustenburg;
- Rustenburg Masepala wa selegae;
- Ditabakelo tsa Bophiriwa Limb Tailings Retreatment Facility.
- Fa o tlhoka kaelotsela do va do lendwe la mafelo a. tsweetswee romela kopo do Jared O'Brien.

Morago ga Pegelo ya Bonamo, pegelo e e Baakantsweng ya EIAR/EMPR e tla kokoanngwa. Pegelo e, e tla tlhalosa tsamaiso ya kgokagano le beng mme e tla akaresa ditshwaelo tsotlhe kgotsa dintlha tse di runtseng ka nako ya tsamaiso e. Go feta fa, pegelo e tla leba kelo ya khuetso kgatlhanong le papetla ya kelo ka maikaelelo a go tlhatlhoba mothamo, paka le boleng jwa khuetso, mme e tla akaretsa khuetso yotlhe go tikologo e e amogelang. Dikgato tsa go timola bogale di tla tsewa go fokotsa seabe sa bosula malebana le porojeke. Paakanyothomo ya EIAR/EMPR e tla itsisiwe morafe le mafapha a puso go e thadisa malatsi a le 40 pele e neelwa NWDEDECT le DMR.

Tsweetswee ikwadise le Jared O'Brien gore o kgone go amogela tshedimosetso malebana le mafelo a dipegelo le paka ya thadiso ka imeile, fekese, mogala, poso kgotsa /le SMS. Ditshwaelo tsotlhe tse di amagelwang di tla lejwa le go akarediwa mo pegelong pele pegelotlhomo ya bofelo e neelwa mafapha a a maleba go thadisiwa le go rebolwa.





### Ikwadiso le Ditshwaelo ppSheete

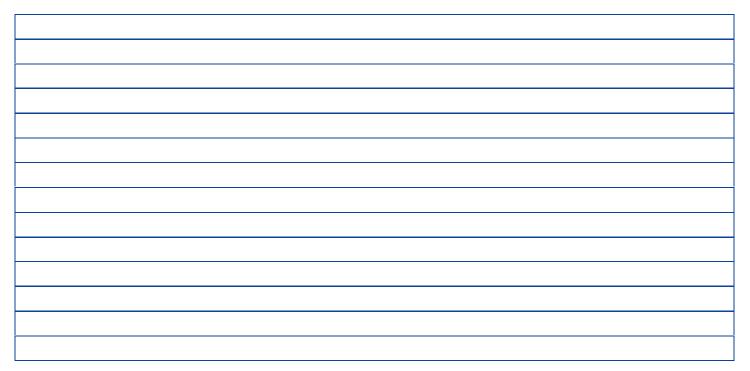
Gore o nne mong yo o kwadisitsweng le go tlhomamisa gore ditshwaelo le dipotso tsotlhe malebana le projeke e di tshotswe le go lejwa ka tlhomamo, tsweetswee romela ditshwaelo tsa gago le dintlha tsa tlhaelesano mmogo le papetlana e e mametleletsweng go:

Jared O'Brien WSP Environmental (Pty) Ltd Aterese: P.O. Box 5384, Rivonia, 2128 Mog.: 011 361 1396 Fekese: 086 505 3939 Imeile: Jared.OBrien@wspgroup.co.za

### Tsweetswee kwala dintlhanaikitsiso tsa gago fa tlase:

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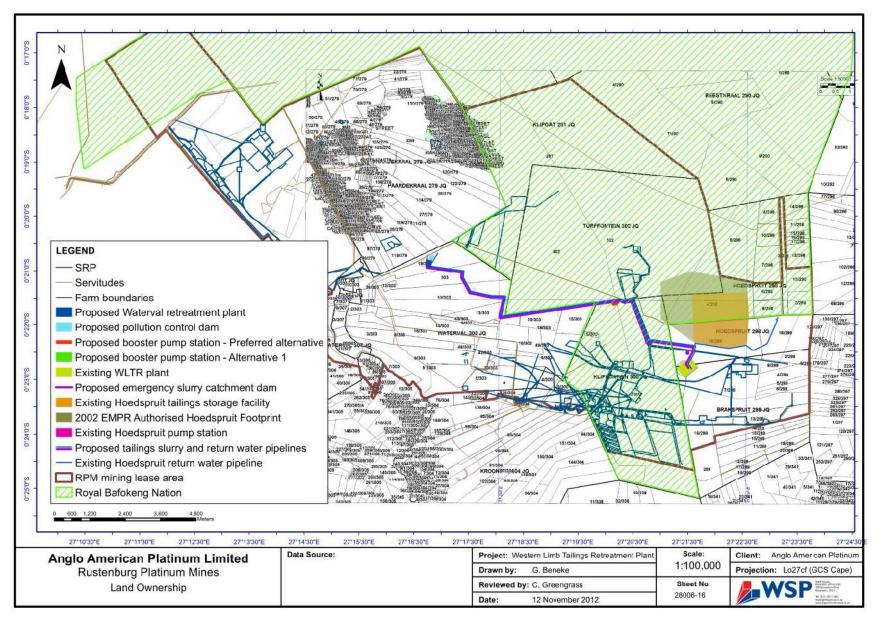
Tsweetswee kwala dikgatlhego tsa gago mo porojekeng mmogo le ditshwaelo fa tlase:







### Mmapa wa Lefelo A







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PROPOSED RE-PROCESSING OF THE WATERVAL TAILINGS STORAGE FACILITIES, ANGLO AMERICAN PLATINUM: RUSTENBURG PLATINUM MINES

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LOCAL LEADERSHIP FOLLOW UP MEETING 10 JANUARY 2013

# LOCAL LEADERSHIP FOLLOW UP MEETING 10 JANUARY 2013

THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM WATERVAL TAILINGS STORAGE FACILITIES PROJECT

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Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
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Libby Redding	Anglo American Matinum	Social Advisor - Projects	Tel: 011373 6744 Fax: Email: libby.redding.ongleamerkan.rem	con fille

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Danielle	VINESH	Shawn Monyetti RBA Councilor	BUTINYANA PHOLOSE	Standy Blocken	Name
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Tel: 031-2408860 Fax: 031-2408861 Email: dowielle.miched @wspgroup.co.za.	Tel: 0731096126 Fax: Email:	Tel:0735152472 Fax: Email: Shewn-monyaki @ gmail: com	Contra Anna A	Tel: 0220 40053 6 Fax: Email:	Contact details (Tel/Fax/Email)
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LOCAL LEADERSHIP FOLLOW UP MEETING 10 JANUARY 2013

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LOCAL LEADERSHIP FOLLOW UP MEETING 10 JANUARY 2013

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LOCAL LEADERSHIP FOLLOW UP MEETING 10 JANUARY 2013

PROPOSED WATERVAL REMINING PROJECT social impact assessment ATTENDANCE REGISTER

Venue: 3rd Floor Board Pow, RLM. Date: 14/03/2013 Time: 10:00

Title: Waterval Re-Processing		00	0.00		Signature
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PROPOSED WATERVAL REMINING PROJECT social IMPACT ASSESSMENT

## ATTENDANCE REGISTER

Venue: Regal Bafekeng Adamy Papkeng. Title: Water val, Reprindessing SIA, Date: 15/02/2013 Time: 0:30

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PUBLIC MEETING 14 FEBRUARY 2013

# PUBLIC MEETING 14 FEBRUARY 2013

THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM WATERVAL TAILINGS STORAGE FACILITIES PROJECT

## ATTENDANCE REGISTER

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# PUBLIC MEETING 14 FEBRUARY 2013

THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM WATERVAL TAILINGS STORAGE FACILITIES PROJECT

## **ATTENDANCE REGISTER**

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# PUBLIC MEETING 14 FEBRUARY 2013

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Name	Company	Designation	Contact details (Tel/Fax/Email) Signature
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ATTENDANCE REGISTER

# **NOTIFICATION MEETING AND SCOPING PHASE INFORMATION SESSION**

**NOTIFICATION AND INFORMATION SESSION/27 NOVEMBER 2012** 

The Proposed Re-Processing of the Waterval Tailings Storage Facilities at RPM

27 November 2012

ATTENDANCE REGISTER

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**NOTIFICATION AND INFORMATION SESSION/27 NOVEMBER 2012** 

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ATTENDANCE REGISTER

# **RBN NOTIFICATION MEETING**

**RBN NOTIFICATION MEETING/17 SEPTEMBER 2012** 

## **17 SEPTEMBER 2012**

THE PROPOSED RE-PROCESSING OF THE WATERVAL TAILINGS STORAGE FACILITIES AT RPM

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# RBN NOTIFICATION MEETING/17 SEPTEMBER 2012

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4.4 Newspaper Adverts

<u>First Round</u> Daily Sun Advert



### ENVIRONMENTAL AUTHORISATION

Notice of the Environmental Authorisation processes for the proposed re-processing of Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province.

Notice is hereby given in accordance with the National Environmental Management Act (No. 107 of 1998) as amended (NEMA) Environmental Impact Assessment (EIA) Regulations 2010, Government Notice Regulation (GN, R) 543, Section 21 of the National Water Act (No. 38 of 1998) (NWA) as well as the Mineral and Petroleum Rescurce Development Act (No 28 of 2002) (MPRDA) for the proposed re-processing of the Waterval Tailings Storage Facilities (TSFs) at the Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM).

### DESCRIPTION AND LOCATION

RPM mining operations are located in Rustenburg in the North West Province, RPM proposes to re-process the Waterval Tailings Storage Facilities. The project includes (but is not limited to) the proposed construction of a pipeline with a pump station, a pre-treatment plant, a booster station, a pollution control dam, an increase in the height of the Hoedspruit. Talings Storage Facility and the installation of isaMilisTM within Mainstream Inert Grinding (MIC) applications within the existing Western Limb Tailings Retreatment (WLTR) Plant. The tailings material will be piped to and processed at the existing WLTR Plant. The construction and the operational phases of the project are expected to commence in D4 of 2013 and D1 of 2015, respectively.

### ENVIRONMENTAL APPLICATION

In accordance with the NEMA CN. R 543, the undertaking of certain listed activities requires environmental authorisation. The activities associated with the proposed project listed in GN. R 544 include: Activity 9, 10, 11, 18, 22 and 23 and 47. Additionally, Activity 6 of GN. R 545 was identified which recuires a Scoping and EIA Process to be undertaken. An application for authorisation was submitted to the North West Department of Economic Development. Environment, Conservation and Tourism on 21 August 2012.

Water uses 21 (c), (i) and (g), listed under Section 21 of the National Water Act (No. 36 of 1998) are considered relevant and will require authorisation from the DWA in the form of an amendment to the existing Integrated Water Use License. The proposed project is located in a mine lease area however, certain concorrents fall on land not owned by the RPM. The RPM is required to undertake an Environmental Management Programme Report Amendment process, in Line with the MPRDA and its associated Regulations of 2004.

### AVAILIBILITY OF SCOPING REPORT

The Scoping report will be made available for public review at the following locations: Thekwane Tihage Primary School, Mfidike Primary School, Fraser Alexander Offices, Tihabane Public Library, Rustenburg Local Municipality, the WLTR facility, and on WSPs website (www.wspenv.ronmental.com/ publicreview) from 29 November 2012 to 27 January 2013.

### NAME OF PROPONENT

Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM).

### NAME OF CONSULTANT

WSP Environment and Energy Contact Person:

### Jared O'Brien

T 011 351 1395 F 086 505 3939

- E Jared OBrien@WSPgroup.co.za PO Box 5384, Rivoria, 2128

### REGISTER AS A STAKEHOLDER

To register as a stakeholder, please submit your name, contact information and interest in the matter to the Consultant.



### <u>First Round</u> Rustenburg Herald Advert



### ENVIRONMENTAL AUTHORISATION

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### Jared O'Brien

T 011 351 1395 F 086 505 3939

- E Jared OBrien@WSPgroup.co.za PO Box 5384, Rivoria, 2128

### REGISTER AS A STAKEHOLDER

To register as a stakeholder, please submit your name, contact information and interest in the matter to the Consultant.



<u>First Round</u> Daily Sun Tearsheet





Environmental Management Act (No. 107 of 1998) as amended (NEMA) Environmental Impact Assessment (EIA) Regulations 2010, Government Notice Regulation (GN, R) 543, Section 21 of the National Water Act (No. 38 of 1998) (NWA) as well as the Mineral and Peboleum Resource Development Act (No 28 of 2002) (MPRDA) for the proposed re-processing of the Waterval Tailings Storage Facilities (TSFs) at the Anglo American Platinum Limited Rustenburg Platinum Mines Limited (RPM).

### DESCRIPTION AND LOCATION

RPM mining operations are located in Rustenburg in the North West Province. RPM proposes to re-process the Waterval Tailings Storage Facilities. The project includes (but is not limited (o) the proposed construction of a pipeline with a pump station, a pre-treatment plant, a booster station, a pollution control dam an increase in the height of the Hoedspruit. Tailings Storage Facility and the installation of IsaMilIsTM within Mainstream Inert Grinding (MIG) applications within the existing Wastern Limb Tailings Setreatment (WLTR) Plant, The tailings material will be piped to and processed at the existing WLTR Plant The construction and the operational phases of the project are expected to commence in Q4 of 2013 and Q1 of 2015, respectively.

### ENVIRONMENTAL APPLICATION

In accordance with the NEMA GNLR 548, the undertaking of certain listed activities requires environmental authorisation. The activities associated with the proposed project listed in GN, R 544 include: Activity 9, 10, 11, 18. 22 and 23 and 47. Additionally, Activity 6 of GNLR 545 was Identified which recurres a Scoping and EIA Process to be undertaken. An application for author sation was submitted to the North West Department of Economic Developmen Environment, Conservation and Tourism on 21 August 2012.

Water uses 21 (c) (i) and (g), listed under Section 21 of the National Water Act (No. 36 of 1998) are considered relevant and will require author sation from the DWA in the form of an smendment to the existing Integrated Water Use License. The proposed project is located in a mine lease area however, certain components fall on land not owned by the RPM. The RPM is required to undertake an Environmental Management Programme Report Amendment process, in line with the MPRDA and its associated Regulations of 2004.

### AVAILIBILITY OF SCOPING REPORT

The Scoping report will be made available for public review at the following locations: Thekwane Thage Primary School, Mfidike Primary School, Fraser Alexander Offices, Thabane Public Library, Restenburg Local Municipality, the WLTR facility, and on WSPs website (www.wspenvironmental.com/ public eview) from 29 November 2012 to 27 January 2013.

### NAME OF PROPONENT

Angle American Platinum Limited: Rusterburg Platinum Mines Limited (RPM).

NAME OF CONSULTANT WSP Environment and Energy

Contact Person: Jared O'Brien

T 011 361 1296

086 505 3939 E Jared OBrien@WSPgroup.co.za

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cleaning.0110366014

<u>First Round</u> Rustenburg Herald Tearsheet

### (b) AngloAmerican **ENVIRONMENTAL** AUTHORISATION

Notice of the Environmental Authorisation processes for the proposed re-processing of Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province.

Notice is hereby given in accordance with the National Environmental Management Act (No. 107 of 1998) as amended (NEMA) Environmental Impact Assessment (EIA) Regulations 2010, Government Notice Regulation (GNL R) 543, Section 21 of the National Water Act (No. 38 of 1998) (NWA), as well as the Mineral and Petroleum Resource Development Act (No 28 of 2002) (MPRDA) for the proposed re-processing of the Waterval Tailings Storage Facilities (TSFs) at the Anglo American Platinum Limited: Rustenburg Platinum Mines Limited

DESCRIPTION AND LOCATION RPM mining operations are located in Rustenburg in the North West Province. RPM proposes to re-process the Waterval Tallings Storage Facilities. The project includes (but is not limited to) the proposed construction of a pipeline with a pump station, a pre-treatment plant a booster station, a pollution control dam, an increase in the height of the Hoedspruit Tailings Storage Facility and the installation of IsaMillsTM within Mainstream Iner m Iner and the installation of IsaMills IM within Mainstream Ine Grinding (MIG) applications within the existing Western Limb Tailings Retreatment (WLTR) Plant. The tailings material will be piped to and processed at the existing WLTR Plant. The construction and the operational phases of the project are expected to commence in Q4 of 2013 and Q1 of 2015, respectively.

### ENVIRONMENTAL APPLICATION

In accordance with the NEMA GN. R 543, the In accordance with the NEMA GN. R 543, the undertaking of certain listed activities requires environmental authorisation. The activities associated with the proposed project listed in GN. R 544 include: Activity 9, 10, 11, 18, 22 and 23 and 47. Additionally, Activity 6 of GN. R 545 was identified which requires a Scoping and ELA Process to be undertaken. An application for authorisation was submitted to the North West Department of Economic Development, Environment, Conservation and Tourism on 21 August 2012. 21 August 2012.

Water uses 21 (c), (i) and (g), listed under Section 21 of the National Water Act (No. 36 of 1998) are considered relevant and will require authorisation from the DWA in the form of an amendment to the existing Integrated Water Use License. The proposed project is located in a mine lease area however, certain components fall on land not owned by the RPM. The RPM is required to undertake an Environmental Management Programme Report Amendment process, in line with the MPRDA and its associated Regulations of 2004

### AVAILABILITY OF SCOPING REPORT

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### NAME OF PROPONENT

Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM).

NAME OF CONSULTANT WSP Environment and Energy

Contact Person

Jared O'Brie

T 011 361 139 F 086 505 3939 E Jared.OBrign@WSPigroup.co.ze

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REGISTER AS A STAKEHOLDER To register as a stakchologr. please submit your name contact information and in errer in the matter to the Consultant

**WSP** 



**Tei/Fa**x: 014 597 3829 | Ce**i** 082 452 4220 (F) 086 691 1378 E-mail: s.a.carports1@gmail.com

### NOTICE

Cascade Avenue Trading 128 (Pty) Ltd prospecting right application has been accepted for PGM by the Department of Mineral Resources (DMR) SAMRAD online system on the following farms:

Kroondal 304 JQ, portion 96, portion146 and Rietfontein 338 JQ portion 30 portion 28 portion 5 reference number: NW 10183PR- in the Bojanala Platinum Local Municipality-Rustenburg

The above application falls under the jurisdiction of the North - West office of the DMR in Klerksdorp Tel: (018) 487-9830. All interested and affected parties for the above areas are invited to attend a public participation meeting on 13 December 2012 at 11:00 am, venue: Orion Safari Lodge in Rustenburg, North- West Province

Please feel free to contact Muraga Mudau on 082 0598 408 for details alternatively fax your comments to 086 517 6603

### Ondersteun diegene in nood



USTENBURG - Plaaslike welsynsorganisasies is betrokke in die gemeenskap waar hulle diegene in nood bystaan en die publiek is welkom om hulle te ondersteun. Daar word 'n beroep op die organisasies gedoen om met die Rustenburg Herald se redaksiekantoor te skakel by 014-592 8329 indien kontakbesonderhede/kontakpersone sou

\* My Home Hospice and Children Shelter, Mogwase. Contact Lorette Erasmus on 083 744 6633 or Rita Myburg on 082 572 7051.
\* Suid-Afrikaanse Vrouefederasie (SAVF): 2nd Office, 120 Kock Street, Rustenburg; 014-

\* Ondersteuningsraad: H/v Kerk- en Dwarsstraat Woonstel 2; 014-597 2972 of faks: 014-

\* Kankervereniging Rustenburg-tak (KANSA): Von Wiellighstraat 43; 014-594 2424,

Family and Marriage Society of Sout h Africa (FAMSA): 014-592 9747, Helené

Christelik Maatskaplike Raad (CMR): Leydstraat 74; 014-592 0455; Michelle Nieuwoudt. \* Rustenburg Child Support Services: 072 295 1467; Wilma du Plessis

\* Child Welfare SA (Kindersorg)- Rustenburg: Op die hoek van Bosch- en Zendelingstraat.

\* LifeLine North West - Rustenburg: 156 Klopper Street; 014-594 1455; Isabel Beukes.

Noord-Noordwes Sorg vir Persone met Gestremdhede (handeldrywend as Spes Bona) - Francolinlaan 11, Safarituine X6;

\* Rustenburg Round Table - PO Box 447; 082 336 5356; fax 014-592 1280; Francois van der Merwe.

\* Kinders vir Jesus - Steenstraat 49, Kamer 13, Bradlows-gebou;

Saamspan Dienssentrum - NG Wes-gemeente; 014-594 1018;

\* Dierebeskermingsvereniging (DBV) - Eskomstraat 11; 014-592

\* Astheneia Counselling Clinic - Boschstraat 56 (h/v Bosch- en Zendelingstraat - langs Total Vulstasie); 084 652 1890 (Charlene Schoeman) of Sheehan Grant (082 652 1890).

\* Kgetleng Life Care Centre - Swartruggens-omgewing; Dr Koos Olivier (voorsitter) - 082 441 6747; Ds Bertus Celliers (waarnemende sekretaris) - 014-544 0013 of Emma Benecke (tesourier) - 014-544

\* Neo Birth Crisis Centre - Marie van Schalkwyk; 014-592 3363

\* Immanuel Hope Centre - Ds Simon Hibbert; 014-543 4503

Swartruggens Gekombineerde Skool Kosprojek -Schulenburg- en Visserstraat, Swartruggens; Melinda (082 878 1457

Lighthouse Children's Shelter - 14 Waterval Road (1,5km from the Engen Garage on the Kroondal road) - 072 125 4683 or fax: 014-

G-Om Projek - Stimulerings- en voedingsprogram vir minderbevoorregte voorskoolse kinders. Linda Grobler (083 292

\* Rustenburg Rotary Club - Ronnie Schild (082 655 4053) or Wilma Lig (072 784 7429) or fax: 014-592 0761.

\* Môrester Kinderhuis en Môrester Nagskuiling - Helen Lotz (082 460 8418 of 014-592 4497).

\* Mercy Community Care Centre - Supporting the homeless and needy with clothing and food. 99 Johnson Street - Oageng (073 302 2242).

\* Basileia Gemeenskapsentrum (Lae inkomste behuising en Skuiling), Maraisstraat 66. Sentrumbestuurder Erina Nienaber (014-

592 9951). \* Grace Help Centre vir mishandelde vroue en kinders. Skakel Rina vd Berg by 014-574 3476/072 348 6526.

\* SAVF Rodeonhof Ouetehuis Swartruggens. Kontakpersoon: André du Bruyn (014-544 0312).

\* Borangwa Angels - Het van Verlangekraal-projek; Need-for-a-Chair projek; Huis van Veiligheid; Skryfbehoefte-projek; Moms and Babies. Skakel Linda Ridgard (072 403 0001) of Zirkia Casey (083 444 7397).

\* Wildlife Rehabilitation Project - Trust number IT 145/10; Dr Schouwstra (014-592 6007) or Sweis Kotze (072 315 0070)

\* Grace Outreach Gemeenskapsvereniging. Rev Paul Digasu (vise-voorsitter) by 083 665 6696; ds Koos Venter (komiteelid) by 083 289 2668 of Annette Krugel (sekretaresse) by 082 399 5444.

\* SOS Children's Village - Tlhabane. Village Director: Granda Fell (084 094 8452).

SOS Barmhartigheidsaksie van die Evangelies Gereformeerde Kerk van Rustenburg – Hannes Barnard (stroomleier) 083 572 6288; Casper Leonard (082 743 4031) of Verna van Eeden (tesourier) by 072 256 0140.

<u>Second Round</u> Daily Sun Advert



### NOTICE OF A PUBLIC MEETING FOR ENVIRONMENTAL AUTHORISATION

Notice of a public meeting for the Environmental Authorisation Processes for the proposed re-processing of Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province.

Notice is hereby given in accordance with the National Environmental Management Act (No. 107 of 1998) as amended Environmental Impact Assessment Regulations 2010, Government Notice Regulation 543, Section 21 of the National Water Act (No. 38 of 1998), as well as the Mineral and Petroleum Resource Development Act (No 28 of 2002) for a public meeting for the proposed re-processing of the Waterval Tailings Storage Facilities (TSFs) at the Anglo American Platinum Limited: Rustenburg Platinum Mines Limited.

The public meeting will be held in order to outline the details of the proposed project to stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the proposed project.

### DETAILS OF PUBLIC MEETING

Venue:Tshukudu High SchoolDate:Wednesday 16 January 2013Time:16:00pm to 17:30pm

Should you wish to register as a stakeholder and/or attend the Public Meeting, please respond to Jared O'Brien prior to 16 January 2013.

### NAME OF CONSULTANT WSP Environment and Energy Contact Person:

### Jared O'Brien

- **T** 011 361 1396
- **F** 086 505 3939

**WSP** 

E Jared.OBrien@WSPgroup.co.za

PO Box 5384, Rivonia, 2128

<u>Second Round</u> Rustenburg Herald Advert



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**DAILY SUN** 



By ORIS MNISI MPUMALANGA Premier David Mabuza has lashed out at contractors who delay the building and completion of RDP houses.

The houses, expected to be com-pleted by March, may not be finished because contractors claim not to have the required tools. It is alleged the allocated money was used to buy expensive cars. A dissatisfied Mabuza was

speaking at a meeting between the contractors and Human Settle-ments MEC Siphosezwe Masango in Mbombela on Friday. The meeting was also attended by acting head of department Sarel Mtsweni

and the provincial director-general, Dr Nonhlanhla Mkhize. Most contractors conceded they

will not be able to complete the houses by the end of the financial year, while others preferred to ter-minate their contracts.

But they also hit back at the de-partment for giving them appointment letters late and not taken them to the sites.

They said claims had not been paid and said it was difficult to deliver the houses speedily. Some said they were asked to find the beneficiaries themselves.

Others complained they had been given incomplete specifica-

tions. "Your problems should not tamper with the deadline because we gave you jobs so you can help us deliver the houses," said Mabu-za. "Whether it is at night or during the day, whether you are emerging or successful, I want those houses and you should be off those sites by 15 March."

Mabuza ordered Dr Mkhize to speedily process outstanding payments and tasked departments to to identify beneficiaries for the contractors this week. Said the premier: "Service pro-viders must work. I want honest

and hard-working people with a vision to grow our economy

### He and his wheels need some wings!

AMOS Nkosi (52) is a very enthusiastic wheelchair racer. Last year he won a trophy and a R2 500 cash prize in the vet-erans category of a big race.

He is very keen to take part in the International Outeniqua Wheelchair Challenge in the Western Cape next month.

But he has no money left to get there! Amos, who lives in Msogwa-

ba near Mbombela in Mpuma-langa, needs a plane ticket.

"I also need to pay for accom-modation in the Western Cape," he said. He does not want peo-ple to give him cash.

"If a person or organisation can just buy the return ticket, then someone else can pay for the accommodation. That would make me very happy," he said. The bus company Buscor has already sponsored Amos with a

new wheelchair worth R36 000 through their Songizwe Trust.

"After I got the wheelchair I was so excited that I used it to THE life of a suspected thief who stole

a box of eggs from a Limpopo hawker was saved.

This was when the hawker intervened as the angry crowd started as-saulting the suspect.

The incident happened recently at the Makhado taxi rank in Limpopo. The suspect, Shadrack Ngoveni (49), was chased through the taxi rank and

cornered among houses in the small town.

The angry crowd dragged him along the road and assaulted him.

The crowd, which mainly consisted of hawkers and workers, alleged that Ngoveni had stolen the box of eggs

travel 23km from Nelspruit to my home in Msogwaba, instead of using a taxi.

"Although the ride was risky, with all the cars and trucks on the road, I enjoyed it and viewed it as part of my training in preparation for the race in the Western Cape," he said.

The International Outeniqua Wheelchair Challenge will take place on 16 February in scenic George and is a highlight on the international sports calendar for people with disabilities The event includes a 42,2km

marathon, a 21,1km half mara-thon, a 10km race and a fun race

Amos, who lives in a tworoomed house with his blind wife Martha Masuku, is the proud owner of 58 medals and five trophies that he has won in wheelchair races in South Africa and overseas. He once finished among the top 30 contestants in a race in New York. - AENS



### Man almost killed for box of eggs

from a stall being used by their fellow hawker, Ronald Takawira.

They claimed to have seen Ngoveni snatch the box.

When they started assaulting him, Takawira pleaded with them to stop, fearing for the suspect's life. When cops arrived at the scene, they

managed to push the bloodied Ngoveni into the back of their van with Takawira's help.

"I'm not laving any criminal charges against him. He's suffered enough pain already," said Takawira. Ngoveni was treated at the Louis Trichardt Memorial Hospital and re-

leased on the same day. He said: "What the people did to me isn't good. I went to the taxi rank to buy some cigarettes and eggs and that

was it. Makhado Hawkers Association chairman, Dollen Negota, said they don't

condone violence. But Negota warned that stealing won't be tolerated. - AENS

### Don't eat cattle that die from redwater!

### By NOTHANDO SHEZI

AT LEAST 12 cows have died since last Tuesday following an outbreak of redwa-ter disease, or *bacillary bemoglobinuria*, in the Gert Sibande district of Mpumalanga

Bhekumuzi Nyathikazi, from the department of agriculture, rural development and land administration, said the outbreak was mainly confined to the Ermelo and Amsterdam areas.

"The cause of the outbreak is still un-known. Animal scientists and veterinarians have been sent to investigate. This is aimed at avoiding the further loss of cat-tle in the area," Nyathikazi said. Symptoms of the disease include jaun-

dice, fever, abdominal pain, dark faces, dark urine and difficulty breathing. In some cases, cattle are found dead

without symptoms even being observed. Scientist Stemmer Ndala said people should not to eat the meat of the affected animals as it might make them sick.

"We will continue to teach people about the disease and how to prevent it," he said



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### PLATINUM

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### ANGLO AMERICAN PLATINUM NOTICE OF A PUBLIC MEETING FOR **ENVIRONMENTAL AUTHORISATION**

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### DETAILS OF PUBLIC MEETING

Venue: Tshukudu High School Date: Thursday the 14th of February 2013 Time: 16:00pm to 17:30pm

Should you wish to register as a stakeholder and/ or attend the Public Meeting, please respond to Jared O'Brien prior to 14 February 2013.

NAME OF CONSULTANT WSP Environment and Energy Contact Person: Jared O'Brien

011 361 1396 086 505 3939 Jared OBrien@WSPgroup.co.za Е

PO Box 5384, Rivonia, 2128



<u>Second Round</u> Rustenburg Herald Tearsheet

### Vees SonSlim en sorg vir jou ve

SonSlim Gesondheidsveldtog gedurende die somerseisoen moedig KANSA almal - jonk en oud - aan om verantwoordelikheid en beheer oor hul gesondheid te neem om die risiko van velkanker te verminder.

PAGE 22

Sê KANSA se HUB, Sue Janse van Rensburg, "Ons doen 'n beroep op Suid-Afrikaners om aan te sluit by die stryd teen kanker deur beheer te neem van julle vel en bewus te wees van die gevare van die son. Wees pro-aktief en spoor velkanker vroeg op deur gereelde 'merk die merk'-ondersoeke te laat doen en om moesies gereeld te laat ondersoek.'

Velkanker is een van die mees algemene kankers in Suid-Afrika. Wees bewus van die risikofaktore vir velkanker en volg maklike

competent and familiar with the EPWP methods of construction.

Kgetlengrivier Local Municipality Building, Corner De Wet and Smuts Street,

MRS. N.V. MOTSATSI-KALIL - MUNICIPAL MANAGER

South Africa.

KOSTER, 0348

USTENBURG - As deel van die voorkomende maatreëls om jou risiko te verminder

KANSA se Top Wenke om Jou Kankerrisiko te Verminder

- Bly uit die son uit tussen 10:00-15:00 en bly in die koelte of sover moontlik onder 'n sambreel

- Dra beskermende klere en dig-geweefde materiaal-hoede met 'n breë rand; vermy pette wat nie die nek en ore beskerm nie

- Dra 'n sonbril met 'n UV-beskerming van UV400 - Dit is belangrik om te weet wat die beste

Sonbeskermings-faktor (SBF) SPF vir jou veltipe is. Gebruik sonskerm met 'n SBPF van tussen 20 en 50; verkieslik en SBPF 30-50 vir diegene met 'n ligte tot baie ligte vel

- Wend altvd sonskerm aan 20 minute voor jy na buite gaan en herhaal dit elke minstens

elke 2-3 ure

dit dien as is 'n waarborg dat die vervaardigers van hierdie UV-beskermingsprodukte aan die streng kriteria voldoen, soos deur KANSA bepaal word.

Wees op die uitkyk vir die vervaardigingsof vervaldatum aangesien sonskerms gewoonlik 2 jaar na vervaardiging verval; geen produk behoort na 1 jaar gebruik te word, nadat dit oopgemaak is nie.

- Vermy sonbeddens en sonlampe

- Ondersoek moesies maandeliks en gaan gereeld vir velondersoeke

KANSA UV-Slim Armband en FotoFinder Velkanker Sifting

Hierdie armband monitor die UVbestraling waaraan jy blootgestel word wanneer jy in die son is. Dit verdonker as die bestraling verhoog. Elke kleurskakering gee beskermingsaanbevelings wat iv kan volg om sonbrand te vermy. Hierdie UV-Slim armbande is slegs R30 en daar is groottes vir volwassenes, sowel as kinders. Hulle is landswyd by alle KANSA Sorgsentra

KANSA 'FotoFinder'-siftingstoetse aan. 'FotoFinder'-Dermoskoop is Die die nuutste opsporingstegnologie vir velkanker en hierdie siftingstoets is beskikbaar by die meeste KANSA Sorgsentra regoor die land. Die 'FotoFinder'-siftingstoets, 'merk die merk'-ondersoeke, sowel as ander gesondheidstoetse soos cholesterolvlaktoetse word ook aangebied deur die KANSA Mobiele Gesondheidseenhede wat na afgeleë gebiede in Suid-Afrika reis om mense te bereik wat andersins nie toegang tot siftingstoetse sou hê nie. (www.cansa.org.za)

### **NW Premier** welcomes no bail

RUSTENBURG - North West Premier Thandi Modise has welcomed the decision to deny bail to a man who allegedly knocked down and killed a pupil while driving a security company vehicle in Mahikeng.

Whilst conveying condolences to the family of the girl who was ran over by the vehicle driven by Kabelo Mathikga (33), Premier Modise condemned irresponsible driver behaviour which accounts for most accidents and deaths on public roads.

"The upsurge in road accidents and road deaths have reached unacceptable proportions and call for intensified traffic law enforcement and united action to support the decade of action for road safety campaign" stressed Modise

According to police, Mathikga was arrested following the accident that occurred near Montshiwa Post Office after he allegedly ran over a girl while trying to overtake another car at a three-way junction. He appeared briefly in the Mmabatho Magistrates Court on Monday.

The pupil, who was declared dead at the scene, was reportedly trying to cross the road near the post office on her way from school.

Mathikga was later attacked and his vehicle damaged by community members and other pupils who witnessed the accident. Police came to his rescue after they were

alerted to the incident by other residents.

The man will be back in court on 3 May to answer to charges of culpable homicide and drunken driving.





n October 2012, Polygon Environmental Planning CC gave notice of the Basic Environmental Assessment (BA) process which they are conducting as part of the **Waste Management Licence** (WML) application for the proposed expansion and operation of a waster buy-back centre on part of the **farm Klip**gat 302-JQ, at Stand 1, Industrial Park, **Mfidikoe Village**, near Rustenburg in the North-West Province. The applicant, Warona Waste Management Cooperative, plan on processing, shredding and/or balling general waste (plastics, glass, paper and metal) which will be collected in the community or bought from local waste collectors. A WML Application has been submitted to the national Department of Environmental Affairs in accordance with the National Environmental Management: Waste Act (2008) (DEA reference number: 12/9/11/L1035/7).

PROPOSED WASTE BUY-BACK CENTRE IN MFIDIKOE VILLAGE. RUSTENBURG AREA. NORTH-WEST PROVINCE

We would hereby like to give notice that the draft Basic Assessment Report (BAR) is available for public review and comment at the site from 31 January to 12 March 2013 Electronic copies are also available from Polygon upon request during this period

Should you have any comments, queries or concerns regarding the report or the project, or if you would like to request a copy of the draft BAR, would like additional information or wish to register as an Interested and/or Affected Party, please contact us at the details below before or on 12 March 2013

TSHITSHINYO KA GA SENTHARA YA GO REKA MATLAKALA GAPE MO MOTSENG WA MFIDIKOE. KAROLO YA RUSTENBURG, POROFENSE YA BOKONE BOPHIRIMA

Ka Diphalane/October 2012. Polvoon Environmental Planning CC e ne va tihagisa thulaganyo va bona va Basic Environmenta Sessment (BA) e ba e tsamaisang e le karolo ya kopo ya Laesense ya Zaolo ya Matkakala (Waste Management Licence, WML). Yona e mabapi le katoloso le bodirelo jo bo tshitsintsweng jwa senthara ya theko-gape ya matlakala (waste buy-And Control of a control of the second of tse di tlaa kokoanngwang go tswa mo baaging kgotsa go tswa mo bathong ba selegae ba ba kokoanyang matlakala. Kopo va Laesense ya Taolo ya Mattakala e neetswe ba Lefapha la Bosetšhaba la Merero ya Tikologo go ya ka Molao wa Bosetšhaba wa Tsamaiso ya Mattakala: Waste Act (2008) (DEA ka palotshupo ya (reference number: 12/9/11/L1035/7).

Re neela ka jalo kitsiso ya gore Pegelo-kakangwa ya Tihatihobo ya Motheo (draft Basic Assessment Report - BAR) e teng go bonwa ke setšhaba/baagi le go tihagisa ditshwaelo kwa setsheng sa tirc ka la 31 Firikgong/January go fitiha ka la 12 Mopitiwe/March 2013. Dikhopi tsa seileketeroniki le tsona di teng go tswa go ba Polygon fa o balla go di kopa ka nako e e kailweng va ditshwae**l**o

Fa o na le **ditshwaelo, dipotso kgotsa mabaka mangwe a a go tshwenyang** mabapi le pegelo e kgotsa porojeke ka boyona, kgotsa fa o batla go kopa khopi ya Pegelo-kakangwa (BAR), le fa o thoka tshedimosetso ya tlaleletso kgotsa o rata go ikwadisa jaaka Motho yo o nang le kgathegelo/kgotsa yo o amegang, tswee tswee ikgolaganye le rona mo dintheng tse di neetsweng fa ise fa pele ga 12 Mopitiwe 2013

Mrs Louise Agenbag

Contact / Motho vo o ka ikgolaganyang le ena

Telephone / Mogala Fax / Fekese E-mail / Imeile: Post / Aterese ya Poso





AngloAmerican PLATINU

Notice of a public meeting for the Environmenta

Notice is hereby given in accordance with the National Environmental Management Act (No. 107 of 1998) as Environmental Management Act (No. 107 of 1996) as amended, Environmental Impact Assessment Regulations 2010, Government Notice Regulation 543, Section 21 of the Vational Water Act (No. 36 of 1996) as well as the Mineral and Petrologues Resource Development. Act (No. 28 of 2002) for a public meeting for the proposed re-processing of the Water val Tailings Storage Facilities (TSFs) at the Resterburg Platrum Mines Limited. The public meeting vali be held in order to outline the details of the proposed project to stateholders and provide an opport unity for statewholders to raise oversitions and indica colonalis assess or rises? to raise questions and indicate potential issues or risks

Venue: Tshukudu High Schoo Date: Thursday the 14th of February 2013 Time: 15:00pm to 17:30pm

the Public Meeting, please respond to Jared O'Brien prior to 14 February 2013.

WSP Environment and Energy Contact Person: Jared O'Brien

011 361 1396 056 505 3939

Jared.OBrien@WSPgroup.co.za 20 Box b384, Rivonia, 2128

-WSP

ANGLO AMERICAN PLATINUM NOTICE OF A PUBLIC MEETING FOR ENVIRONMENTAL AUTHORISATION

Authorisation Processes for the proposed re-processing of Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province.

ssociated with the proposed project.

DETAILS OF PUBLIC MEETING

Should you wish to register as a stakeholder and/ or attend

NAME OF CONSULTANT

### 4.5 Letters of Notification

**General Public Notification letter** 

WSP Reference no: 28006 DEDECT ref no.: NWP/EIA/73/2012

29/11/2012

Dear Stakeholder

### Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province

Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM) is situated near Rustenburg, in the North West Province. The Waterval Tailings Storage Facilities (TSFs), which are positioned in the RPM lease area, are located 4 km east of Rustenburg, 1.5 km west of Bokamoso, 3.5 km north of Waterkloof and 3.5 km south of Boitekong. The Waterval TSFs (East and West dams) were previously used to deposit tailings material from mineral processing operations. Following tests conducted on the Waterval tailings, latent reserves have been identified that warrant the re-processing of the tailings. The re-processing of the Waterval TSFs was authorised by the Department of Minerals and Energy (now the Department of Mineral Resources) as part of an amendment to the existing Environmental Management Programme Report (EMPR) in 2002. Although authorised, the re-processing of the Waterval tailings has not yet commenced and recent changes to proposed infrastructure and the layout of the project require the EMPR to be amended again. Additionally, some of the changes involve activities for which environmental authorisation from the North West Provincial Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT) will be required.

The re-processing activity involves the use of hydraulic hoses, which sluice the mining face of the tailings. The resulting slurry collects in a sump via a system of drains or launders. The launder will extend from the southern portion of each TSF toward the collection sump. Two satellite pump stations will be installed within the launders to ensure that the coarse washed material reaches the collection sump. The Western Dam will be mined in three benches, namely an upper, middle and lower bench, each 14 m, 12 m and 12 m in height respectively. The Eastern Dam will be mined in two benches, an upper and lower bench, each being 12 m in height. The slurry will then be pumped (via a proposed pump station) through a proposed pipeline to the Western Limb Tailings Retreatment (WLTR) Plant.

A pre-treatment plant will be incorporated into the pump station, including a receiving facility, screening, surge tanks and thickeners, which are proposed to pre-treat the slurry before piping it to the WLTR Plant. The pre-treatment plant will also be used for water recovery prior to piping the slurry to the WLTR plant. The pipeline route has been selected based on numerous determining factors, including gradient, land ownership, existing servitudes and land stability.

At the WLTR plant, the minerals contained in the tailings material will be extracted from the slurry. The WLTR Plant was initially constructed to re-treat tailings material from the Klipfontein TSF, which is located 6 km south east of the Waterval TSFs. The re-processing of the Klipfontein TSF is expected to reach completion in 2015, at which point the re-processing of the Waterval TSFs will be initiated.

The process, design and layout changes to the re-process of the Waterval TSFs project include: a change to the location of the proposed pump station with the inclusion of a pre-treatment plant; the construction of at least one booster pump station along the pipeline; the addition of two satellite pump stations within the launders; a pollution control dam; an amendment to the proposed pipeline route; an increase in the height of the Hoedspruit TSF to incorporate the tailings material from the re-processing of the Waterval TSF's and the addition of 4 IsaMills<sup>™</sup> within Mainstream Inert Grinding (MIG) applications within the WLTR Plant facility. Refer to Appendix A: Locality Map for site location and the proposed layout plan.

In accordance with National Environmental Management Act (No. 107 of 1998) as amended (NEMA) Environmental Impact Assessment Regulations (EIA) 2010, Government Notices (GN. Rs) 544 and 545, the undertaking of certain listed activities requires environmental authorisation.

The activities listed in GN. R 544 associated with the proposed project include:

- Activity 9;
- Activity 10;
- Activity 11 (iii);
- Activity 18 (i);
- Activity 22;
- Activity 23; and
- Activity 47.

 WSP Environmental (Pty) Ltd

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 http://www.wspenvironmental.co.za

 Rea, No: 1995/08790007

WSP Group plc Offices worldwide

The activity listed in GN. R 545 associated with the proposed project is Activity 6 (ii): The 199 Bryanston D construction of facilities or infrastructure for the bulk transportation of dangerous goods – In liquid



form, outside an industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 50 cubic metres per day. Application for environmental authorisation for activities listed in GN. R 545 requires that a Scoping and EIA process be undertaken.

The proposed pipeline route will cross a watercourse at three locations, and a proposed pollution control dam will be constructed. The following water use activities listed under Chapter 4, Section 21 of the National Water Act (No. 38 of 1998) (NWA) are relevant and will require authorisation in the form of an amendment to the existing Integrated Water Use License (WUL):

- 21 (c): impeding or diverting the flow of water in a watercourse,
- 21 (i): altering the bed, banks, course or characteristics of a watercourse, and
- 21 (g): disposing of waste in a manner which may detrimentally impact on a water resource.

The proposed project is located in a mine lease area however, certain components fall on land not owned by the RPM. The RPM is required to undertake an Environmental Management Programme Report (EMPR) Amendment process in conjunction with the Environmental Impact Assessment (EIA) process, which is in line with the Minerals and Petroleum Resource Development Act (No 28 of 2002) (MPRDA) and the NEMA, respectively. The North West Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT), the North West Department of Mineral Resources (DMR), and the Department of Water Affairs (DWA) will be responsible for authorising the NEMA EIA process, the EMPR Amendment and the Integrated WUL amendment process respectively.

A Public meeting will be held in order to outline the details of the project to stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the project. The Public Meeting will be held at the Tshukudu High School on Wednesday the 16th of January 2013 from 16:00pm to 17:30pm.

Should you wish to attend the Public Meeting, please respond to Jared O'Brien by 07 January 2013.

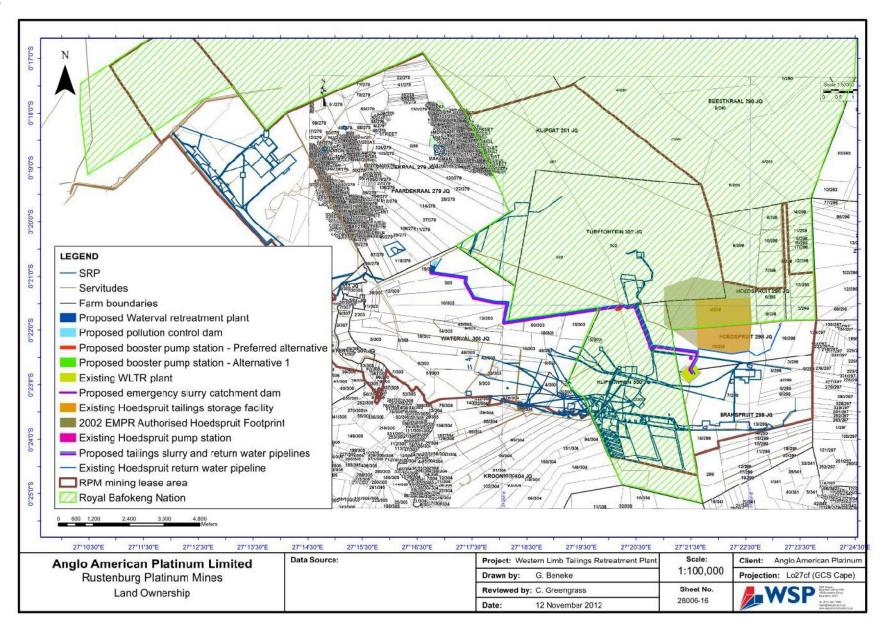
Should you wish to register as a stakeholder, please submit your details to Jared O'Brien.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

how

Jared O'Brien Consultant Tel: 011 361 1396 Fax: 086 505 3939 Email: Jared.OBrien@wspgroup.co.za



Public Meeting Letter/Email

## O'Brien, Jared

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'freidrichs@uwp.co.za'

'sanbow@wesizwe.com'

Read

Recipient	Delivery	Read
'orestnbeduwa@yahoo.com'		
Greengrass, Catherine	Delivered: 2013/01/16 12:20 PM	
'glongomo@xstrata.co.za'		
'dpistorius@xstrata.co.za'		
'n.cornelius@xstrata.co.za'		
'gking@xstrata.co.za'		
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'hdippenaar@twp.co.za'		
'Ippmprojects@gmail.com'		
'obdcontructors@hotmail.com'		
'gabriel.khuno@gmail.com'		
Allan, Kim	Delivered: 2013/01/16 12:20 PM	
Breedt, Danilla	Delivered: 2013/01/16 12:20 PM	Read: 2013/01/16 04:48 PM
Michel, Danielle	Delivered: 2013/01/16 12:20 PM	

Good day,

Please note that the public meeting scheduled for today at 16:00pm has been postponed until further notice. I will keep each of you informed on the intended meeting date as and when it is decided upon.

The project team is aware of more pressing matters currently being experienced in the area surrounding the Rustenburg Platinum Mines, and would like to give the community the opportunity to focus their time on the issues at hand.

Please inform your colleagues and community members of this notice.

Should you have any queries with the above notice, please don't hesitate to contact me on my cell phone.

Best regards,

Jared O'Brien Assistant Consultant

#### WSP Environmental (Pty) Ltd

WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191 Tel: +27 11 361 1396 | Mobile: +27 84 951 2164 | www.wspenvironmental.co.za

From: Stevens, Chevonne Sent: 04 December 2012 04:21 PM To: jared.obrien@wspgroup.co.za; Greengrass, Catherine Subject: FW: Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg

Dear Stakeholder,

Please see below the revised details with regards to the draft scoping report public review locations as well as updated public meeting details.

The public review period for the Draft Scoping report is from 29 November 2012 until 27 January 2013 and has been placed at the following locations:

- Thekwane TIhage Primary School;
- Mfidike Primary School;
- UG2 Concentrator Reception;
- Thabane Public Library in Rustenburg;
- Rustenburg Local Municipality; and
- Western Limb Tailings Retreatment Facility.

A public meeting will be held in order to outline the details of the project to stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the project. The Public Meeting will be held at the Tshukudu High School on Wednesday the 16<sup>th</sup> of January 2013 from 16:00pm to 17:30pm.

Attached is the letter of notification as well as the background information document that contains additional information relating to the S&EIA process for the proposed project. Should you have any issues or queries, please do not hesitate to contact Jared O'Brien on the contact details indicated below:

Name: Jared O'Brien Tel: +27 11 361 1396 Fax: +27 86 505 3939 Mobile: +27 84 951 2164 Email: Jared.O'Brien@WSPGroup.co.za

Kind regards,

Chevonne Stevens Assistant Consultant

### WSP Environment & Energy South Africa

WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191 Tel: +27 11 300 6178 | Mobile: +27 72 383 0382 | www.wspgroup.co.za

From: O'Brien, Jared Sent: 28 November 2012 10:08 AM To: Stevens, Chevonne Cc: Greengrass, Catherine Subject: Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg

Dear Stakeholder,

Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg

Anglo American Platinum: Rustenburg Platinum Mines (RPM) propose to re-process the Waterval Tailings Storage Facilities (TSFs). In order to receive environmental authorisation, RPM is required to undertake a Scoping and Environmental Impact Assessment (S&EIA) process in accordance with Minerals and Petroleum Resources Development Act (No. 28 of 2002) and the National Environmental Management Act (No. 107 of 1998). As part of the public participation process the public review period for the Draft Scoping report will be from 29 November 2012 until 27 January 2013 and will be placed at the following locations:

- Thekwane Tlhage Primary School;
- Mfidike Primary School;
- Fraser Alexander Offices at Waterval TSFs;
- Tlhabane Public Library in Rustenburg;
- Rustenburg Local Municipality; and

• Western Limb Tailings Retreatment Facility.

Three public meetings will be held on the following dates at the following locations:

- Thekwane Tlhage Primary School (12/01/2013, 10:00am 11:30am);
- Mfidikoe Primary School (12/01/2013, 13:00pm 14:30pm); and
- Photsaneng Primary School (12/01/2013, 15:30pm 17:00pm).

Attached is the letter of notification as well as the background information document that contains additional information relating to the proposed project and S&EIA process. Should you have any issues or queries, please do not hesitate to contact the undersigned.

### Jared O'Brien

Assistant Consultant Tel: 011 361 1396

### WSP Environment & Energy South Africa

 WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191

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 +27 11 361 1396

 Fax:
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 Email:
 Jared.O'Brien@WSPGroup.co.za

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## O'Brien, Jared

From: Sent: To: Cc: Subject:	O'Brien, Jared 16 January 2013 11:58 AM 'Ippmprojects@gmail.com'; obdcontructors@hotmail.com; 'gabriel.khunou@gmail.com'; 'kennedypholose@gmail.com'; hashley@webmail.co.za; 'mogomotsimolefe@yahoo.com'; 'jbpetlele@gmail.com'; mogomotsipooe@hotmail.com; ntsholem@gmail.com; wsenne@rustenburg.gov.za; shawn.monyatsi@gmail.com; tsogobuilding@webmail.co.za Breedt, Danilla; Allan, Kim; Michel, Danielle; Jacobs, Melanie Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg: Public meeting Notice		
Tracking:	Recipient 'lppmprojects@gmail.com' obdcontructors@hotmail.com 'gabriel.khunou@gmail.com' 'kennedypholose@gmail.com' hashley@webmail.co.za 'mogomotsimolefe@yahoo.com' 'jbpetlele@gmail.com' mogomotsipooe@hotmail.com ntsholem@gmail.com wsenne@rustenburg.gov.za shawn.monyatsi@gmail.com	Delivery	Read
	Breedt, Danilla Allan, Kim Michel, Danielle	Delivered: 2013/01/16 11:58 AM Delivered: 2013/01/16 11:58 AM Delivered: 2013/01/16 11:58 AM	Read: 2013/01/16 04:48 PM
	Jacobs, Melanie	Delivered: 2013/01/16 11:58 AM	Read: 2013/01/16 12:02 PM

### Good day,

Please note that the public meeting scheduled for today at 16:00pm has been postponed until further notice. I will keep each of you informed on the intended meeting date as and when it is decided upon.

The project team is aware of more pressing matters currently being experienced in the area surrounding the Rustenburg Platinum Mines, and would like to give the community the opportunity to focus their time on the issues at hand.

Please inform your colleagues and community members of this notice.

Should you have any queries with the above notice, please don't hesitate to contact me on my cell phone.

Best regards,

### Jared O'Brien

### WSP Environmental (Pty) Ltd

WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191 Tel: +27 11 361 1396 | Mobile: +27 84 951 2164 | www.wspenvironmental.co.za

From: O'Brien, Jared Sent: 15 January 2013 06:38 PM To: 'lppmprojects@gmail.com'; 'obdcontructors@hotmail.com'; 'gabriel.khunou@gmail.com'; 'kennedypholose@gmail.com'; 'hashley@webmail.co.za'; 'mogomotsimolefe@yahoo.com'; 'jbpetlele@gmail.com'; 'mogomotsipooe@hotmail.com'; 'ntsholem@gmail.com'; 'wsenne@rustenburg.gov.za'; 'shawn.monyatsi@gmail.com'; tsogobuilding@webmail.co.za Cc: Breedt, Danilla; Allan, Kim; Michel, Danielle

Subject: Local Leadership Response meeting minutes

Good evening,

Please find attached the meeting minutes from the local leadership response meeting held on the 10<sup>th</sup> of January 2013 at the Rustenburg Platinum Mines Sports Club. Please ensure that you distribute the minutes to your colleagues as I unfortunately do not have an email address for each of the attendees. I hope to see you at the public meeting tomorrow at the Tshukudu High school in Thekwane from 16:00pm.

Best regards.

Jared O'Brien Assistant Consultant

### WSP Environmental (Pty) Ltd

WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191 Tel: +27 11 361 1396 Fax: +27 86 505 3939 Mobile: +27 84 951 2164 Email: Jared.O'Brien@WSPGroup.co.za Website: www.wspenvironmental.co.za



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#### Please recycle all printed documents.

## O'Brien, Jared

From: Sent: To: Cc: Subject: Attachments:	O'Brien, Jared 29 January 2013 10:42 AM O'Brien, Jared Breedt, Danilla Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg: Public Meeting Notice 28006_BID 20130214 (Final-Tswana).pdf; 28006_BID 2013 01 24 (final-English).pdf		
Tracking:	Recipient	Delivery	
	O'Brien, Jared	Delivered: 2013/01/29 10:42 AM	
	Breedt, Danilla	Delivered: 2013/01/29 10:42 AM	
	'lppmprojects@gmail.com'		
	'obdcontructors@hotmail.com'		
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	'kennedypholose@gmail.com'		
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	ntsholem@gmail.com		
	wsenne@rustenburg.gov.za		
	shawn.monyatsi@gmail.com		
	tsogobuilding@webmail.co.za		

Dear Stakeholder,

Please see below the details regarding the rescheduled <u>public meeting</u> date/time/venue for the proposed Reprocessing of Waterval Tailings Storage Facilities project.

A public meeting will be held in order to outline the details of the project to all stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the project. The Public Meeting will be held at the Tshukudu High School on Thursday the 14<sup>th</sup> of February 2013 from 16:00pm to 17:30pm.

Attached is the background information document (both in English and Setswana) that contains additional information relating to the S&EIA process for the proposed project. Should you have any issues or queries, please do not hesitate to contact Jared O'Brien on the contact details indicated below.

Kind regards

Jared O'Brien BSc (Honours) Geography & Environmental Management Assistant Consultant

WSP Environmental (Pty) Ltd WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191, South Africa Tel: +27 11 361 1396 Fax: +27 86 505 3939 Mob: +27 84 951 2164

## O'Brien, Jared

From: Sent: To: Cc: Subject:	O'Brien, Jared 29 January 2013 10:42 AM O'Brien, Jared Allan, Kim; Breedt, Danilla; Michel, Danielle Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg: Public Meeting Notice			
Attachments:	28006_BID 2013 01 24 (final-English).pdf; 28006_BID 20130214 (Final-Tswana).pdf			
Tracking:	Recipient	Delivery	Read	
	O'Brien, Jared	Delivered: 2013/01/29 10:42 AM		
	Allan, Kim	Delivered: 2013/01/29 10:42 AM		
	Breedt, Danilla	Delivered: 2013/01/29 10:42 AM	Read: 2013/01/29 11:18 AM	
	Michel, Danielle	Delivered: 2013/01/29 10:42 AM		
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'dpistorius@xstrata.co.za'

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'lppmprojects@gmail.com'	
'obdcontructors@hotmail.com'	
'gabriel.khuno@gmail.com'	

Read

Dear Stakeholder,

Please see below the details regarding the rescheduled <u>public meeting</u> date/time/venue for the proposed Reprocessing of Waterval Tailings Storage Facilities project.

A public meeting will be held in order to outline the details of the project to all stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the project. The Public Meeting will be held at the Tshukudu High School on Thursday the 14<sup>th</sup> of February 2013 from 16:00pm to 17:30pm.

Attached is the background information document (both in English and Setswana) that contains additional information relating to the S&EIA process for the proposed project. Should you have any issues or queries, please do not hesitate to contact Jared O'Brien on the contact details indicated below.

Kind regards.

Jared O'Brien BSc (Honours) Geography & Environmental Management Assistant Consultant

#### WSP Environmental (Pty) Ltd

WSP House, Bryanston Place, 199 Bryanston Drive, Bryanston, 2191, South Africa Tel: +27 11 361 1396 Fax: +27 86 505 3939 Mob: +27 84 951 2164

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Draft Scoping Report public review cover letter:



04/12/2012

Dear Stakeholder

# Environmental Authorisation Processes for the proposed Re-processing of the Anglo American Platinum Waterval Tailings Storage Facilities located in Rustenburg, North West Province

Please note that the number of public meetings as well as the venue, date, and time of the public meeting(s), as indicated in the Draft Scoping Report, has been changed as of today.

One Public meeting will be held in order to outline the details of the project to stakeholders and provide an opportunity for stakeholders to raise questions and indicate potential issues or risks associated with the project. The Public Meeting will be held at the Tshukudu High School on Wednesday the 16th of January 2013 from 16:00pm to 17:30pm. Please note that all the public meeting references in the Draft Scoping Report are no longer applicable.

In addition, one of the Draft Scoping Report public review venues has been changed. The Draft Scoping report is no longer available for review at the Fraser Alexander Office at the Waterval Tailings Storage Facility. The report is now available at the UG2 Concentrator Reception as well as the additional locations indicated within the Scoping Report.

Should you wish to attend the public meeting, please respond to Jared O'Brien by 07 January 2013.

Should you wish to register as a stakeholder, please submit your details to Jared O'Brien.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

ama\_

Jared O'Brien Consultant Tel: 011 361 1396 Fax: 086 505 3939 Email: Jared.OBrien@wspgroup.co.za

WSP Environmental (Pty) Ltd

WSP House Bryanston Place 199 Bryanston Drive Bryanston, 2021 Tel: +27 (0)11 361 1380 Fax: +27 (0)11 361 1381 http://www.wspenvironmental.co.za Rea. No: 1995/0879007

WSP Group Ltd. Offices worldwide 4.6 Stakeholder Engagement meetings

Royal Bafokeng Nation Notification Meeting minutes

# **MEETING MINUTES**

Meeting Date:	2012 09 17
Time:	11h00
Venue:	Royal Bafokeng Holdings (RBH), Melrose Arch
Subject:	The re-processing of the Waterval tailings storage facilities – EIA and EMPR amendment – Land owner notification
Chair:	Andre Britz

### Attendees

Nishi Haripursad (NH)	Anglo American Platinum Environmental Manager: Process	083 463 8919
Pierre Malan (PM)	Anglo American Platinum Senior Project Manager	083 252 0941
Catherine Greengrass (CG)	WSP Environment and Energy: Senior Environmental Consultant	079 501 5303
Andre Britz (AB)	Anglo American Platinum Land Manager	083 455 8874
Ernie Kemm (EK)	Royal Bafokeng Administration: Spatial Planner	083 234 2090
Jared O'Brien (JO)	WSP Environment and Energy: Assistant Environmental Consultant	084 951 2164
Khalid Patel (KP)	EIMS Consultant: Mining Division Manager	011 789 7170
Teresa Taljaard (TT)	Royal Bafokeng Holdings: Investment Manager	011 530 8000
Francois Joubert (FJ)	Tabacks: Director	011 358 7700
Reotshopile Tlhapane (RT)	Royal Bafokeng Administration: Environmental	014 566 1280
Pleasure Mabyane (PM)	Royal Bafokeng Administration: Land Affairs Officer	-
Itumeleng Huma (IH)	Royal Bafokeng Administration: Land Affairs	014 566 1280
Modisaotsile Mokate (MM)	Royal Bafokeng Administration	-

## Apologies

Dudu Ratshefola (DR)	Anglo American	Platinum:	Community	Engagement	and	083 450 1358
	Development Mar	ager				



Points of Discussion	<b>Responsible Party</b>
1. Welcome and Apologies	
AB introduced the attendees to the meeting. AB indicated that DR had issued an apology for her absence.	-
2. Introduction and Purpose	
AB indicated the purpose of the meeting being to inform RBN as a stakeholder and a land owner.	-
AB described a basic background of the project indicating that the project centres around the re-	_
processing of the Waterval East and West Tailings Storage Facilities (TSFs).	
AB at this stage indicated that it is his understanding that the land on which the Hoedspruit TSF (and future extensions) is situated on land owned by Anglo Platinum and the Fike Trust, and that a lease agreement for the Fike Trust was in place.	-
TT indicated that the RBH wished to verify this and requested the relevant portion numbers for the	
Hoedspruit, and the whole project.	Anglo
RBH require a map showing the project pipeline overlay onto the RBH owned land with servitudes located in the area if applicable.	Aligio
3. Description of the proposed Waterval re-processing project (presentation)	
PM ran through the presentation (Appendix 1) and indicated the following in addition to the presentation content:	-
<ul> <li>Anglo Platinum intended to have the meeting with RBH prior to initiating the public participation process.</li> </ul>	-
PM indicated by use of maps on slides 4 & 5 the locality of the different project components.	-
He emphasised that the water balance of the Klipgat dam will not be negatively impacted upon as the water will be pumped back to the Waterval TSFs via a return water pipeline, which will follow the same route as the slurry pipeline.	-
PM described the obstacles that will be encountered along the pipeline route such as the road crossing, the rail crossing, powerline crossings and the culvert usage. PM also added that certain communities will be adjacent to the pipeline. EK questioned the crossing of the powerlines along the route. PM responded indicating that Anglo have appointed Green Gain (legal consultant) to ensure legal compliance in terms of the crossings.	-
PM explained that a booster station will be required along the pipeline that will be positioned near the Siphumelele Shaft (PM indicated the location using a map). EK questioned the location of the booster station and pipeline route, adding that he believes there may be stands allocated on the land proposed, which would need to be considered. PM said the land has been inspected and the land is currently vacant.	-
<ul> <li>PM explained that a pre-treatment plant at the Waterval TSF's is necessary in order to establish the density of the slurry prior to piping.</li> </ul>	-
PM detailed the project schedule as follows:	
<ul> <li>FEL2 has been signed off;</li> <li>FEL3 will be completed by the end of 2012 and signed off early next year; and</li> <li>Implementation scheduled to commence mid-2013.</li> </ul>	-
PM handed over to CG.	1
CG indicated the following:	
<ul> <li>potential environmental/social impacts identified thus far;</li> </ul>	
<ul> <li>the majority of the land to be developed is considered to be transformed; and</li> <li>list of specialist studies proposed to be undertaken.</li> </ul>	
4. Activities on land not owned by the applicant	
AB indicated the RBH/A owned farms that will be affected. KP questioned which components of the project are within the mine lease area and which lie outside of the mining lease area. KP requested detailed mapping of exactly where Anglo's mining rights are currently.	AB
PM again reiterated that the main aim of the meeting is to ensure that the RBN are notified as landowners.	
The affected portions on the Hoedspruit farm were again discussed and it was agreed that Anglo would provide the affected portion numbers (and SG diagrams) to the RBH/A.	AB

<ul> <li>TT requested AB send her an SG diagram that indicates exactly what portions of Hoedspruit are currently under lease with the Fike Trust.</li> </ul>	AB
KP indicated that he will review the information (including the map) and decide if the RBN is impacted upon by the project.	AB
• AB indicated that he will submit a full deeds search and an SG diagram of the project area to TT.	AB
EK asked on which side of the property boundary the slurry/return water pipeline will be located. AB indicated it would be on the southern side. AB added there is an existing pipeline corridor for which servitudes are not yet registered. An agreement for the servitude on the RLM land is however in place.	-
TT emphasised that the future of the project is dependent on the consent of the RBN, which will be subject to the amicable resolution of the current and wider lease agreement adjudication . Therefore, if their requirements are not met, RBN will oppose the project. TT emphasised that RBNs comments need to be included in the process and this must be made known. AB added that there is currently a separate process in progress to resolve the lease agreement with the RBN (Royalties)	WSP/AB
5. Notification of the proposed project in terms of the EIA/EMPR amendment process	
CG indicated that an additional aim of the meeting was to request advice from the RBH on how to engage the traditional leaders and the RBH subjects in the upcoming PPP process. RT was indicated as the RBH correspondent in this regard.	
RT queried if Dudu from Anglo is involved in the arranging of the public meetings and the rest of the PPP. CG responded yes. CG stated that WSP will communicate with RT in terms of PPP. KP requested that he be copied in on the emails relating to PPP. It was noted that Dudu had recently resigned and her replacement must be announced.	RT/WSP
KP queried the initiation date of PPP. CG said that WSP would like to have initiated PPP soon after this meeting, however, PPP was on hold as a result of the current unrest in Rustenburg.	WSP
6. Questions	
KP questioned the need to undertake Water Use License amendment (WULA) for the project, and if so which water uses will trigger the amendment. TT requested a timeline for the WUL amendment and if the RBH will be informed of the amendment. If the RBH are not informed, as a landowner then RBH they will I oppose the project. KP questioned the word "may" in the BID referring to the need to undertake a WULA. He believes the existing WUL will need to be amended or a new WULA application will need to be submitted based on the project description. CG replied the existing WUL will be amended however, it will only be know if the water uses fall under general authorisation once design of river crossings has been determined. KP indicated that clear information on water uses needed to be provided. AB stated that a second	WSP
meeting will be held with the RBN to clarify WUL's and any other license requirements. RT asked where the wet areas are for which the aquatic study is being conducted. CG indicated this area to be on the north-eastern side of the Waterval west Dam. AB indicated the Klipgat river running from west to east, crossing the pipeline in a certain stages.	-
KP questions the submission of WSP's environmental application form. CG indicated it had been submitted to NWDEDECT. KP stated that according to the new legislation the applicant is required to include proof of communication with relevant landowners with the application. CG said it had not been included yet but could be included subsequent to submission of the form.	WSP
KP asked if a Section 102 process in terms of the MPRDA would be conducted. CG indicated that the process to be undertaken would be an EMPR amendment with the first submission to the DMR being the Scoping Report. KP requested that WSP/Anglo inform him once the application is lodged.	WSP
RT questioned the need for a traffic impact assessment, questioning the extent of the expected impact. CG said that during the construction phase, trucks will utilise the surrounding roads, however the impact is expected to be low (slurry transported via pipeline). During operation there will be very little traffic.	WSP
RT and TT requested information on sensitive social receptors which may be influenced by the project e.g. schools, old age homes, disabled homes, etc. She requested a map indicting the location of the receptors relative to the project layout.	WSP/AB

KP asked which alternatives had been considered for the project. PM responded saying the route indicated on the presentation is the final preferred route. He described that many (approximately 6) pipeline routes had been considered for the project during the 2002 EMPR.	-
TT asked if the designs submitted to RBH as part of the lease application process were final. She emphasised that should designs change after any lease for servitudes had been agreed to, the lease application process with the RBH would need to start again from the beginning.	-
KP requested that RBH be provided with the specialist "Terms of Reference" (TOR). CG said the studies will be initiated during the EIA phase and said she will send KP the TOR's.	WSP
KP enquired whether pollution plume modelling will be done. AB said pollution monitoring is currently taking place.	AB
RBN asked if they will receive the minutes from Department meetings and Fike trust meetings in the future. CG indicated that these would form part of the documents produced in the process (Scoping and EIA reports).	WSP
7. Meeting close out	
PM indicated AB will distribute the mapping which was indicated during the presentation.	AB
WSP indicated that minutes off the meeting would be drafted and submitted to attendees on Wednesday.	JO
PM emphasised that RBN's objection to the project is a high risk to the project and Anglo management will be updated on the outcome of this meeting.	РМ
PM asked if RBN would like to be involved in weekly project schedule meetings. RBH responded no.	-
PM thanked all for attending the meeting and called the meeting closed.	-

# Appendices:

- 1. Presentation
- 2. Attendance Register



Real Mining. Real People. Real Difference.

# WLTR: Retreatment of Waterval Project PLATINUM – SOUTH AFRICA FEL 3 – FEASIBILITY STUDY EMPR AMENDMENT PROCESS

Pierre Malan Manager Projects





# Introduction

- Welcome and Introduction handout pack
- Purpose of meeting:
- Pre-cursor to initiating the PPP, RBH as key stakeholder and part landowner to be engaged first, hence this meeting, to inform
- Project Background
- Currently in Feasibility Phase, plan to start implementation mid 1013
- The Western Limb Tailings Retreatment (WLTR) Plant was constructed to treat tailings from Klipfontein Tailings Dam.
- The original WLTR project was commissioned in 2003 with a design capacity of 450ktpm.
- Due to the Klipfontein dam being depleted by 2014/5 the 450ktpm contribution from Waterval Tailings Dam provide the opportunity to increase the life of the operation by utilising the tailings from the Waterval Tailings Dam.



# Introduction



- The Western Limb Tailings Retreatment (WLTR) Plant was constructed to treat tailings from Klipfontein Tailings Dam.
- The project was commissioned in 2003 with a design capacity of 450ktpm.
- Due to the Klipfontein dam being depleted by 2015 the 450ktpm contribution from Waterval Tailings Dam has been revived and resulted in the opportunity to increase the life of the operation by utilising the tailings from the Waterval Tailings Dam



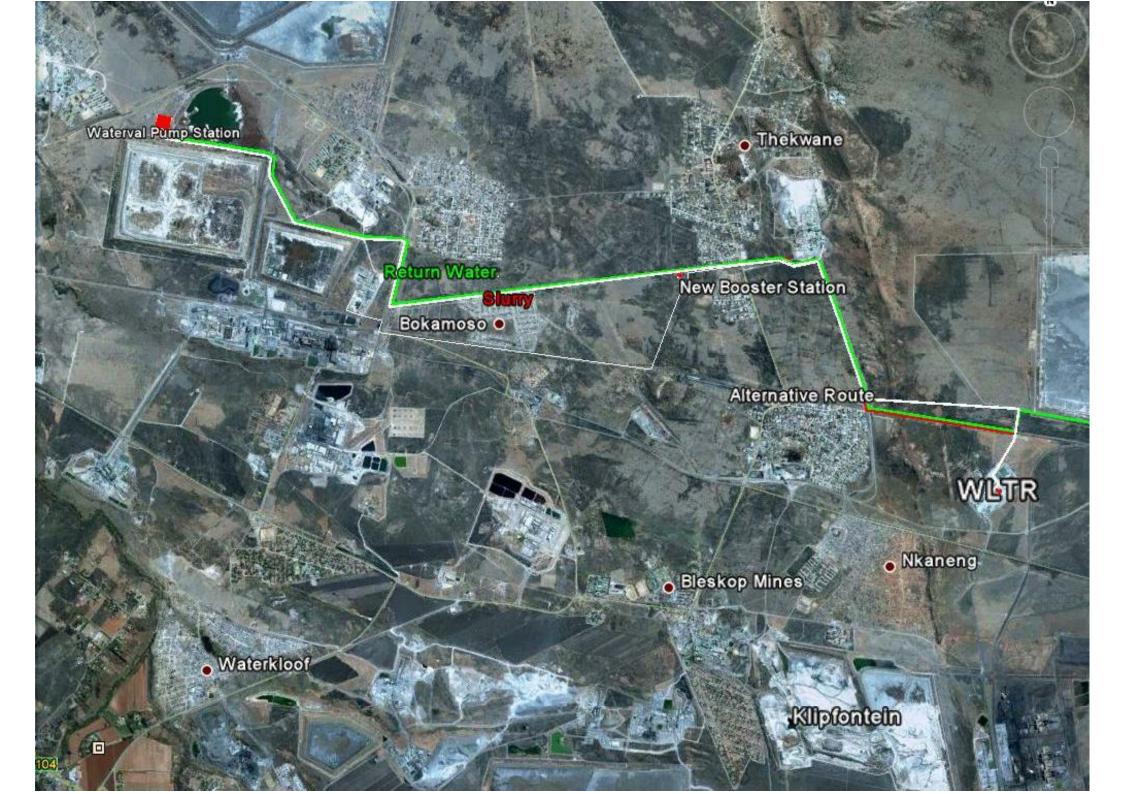
 Total Waterval 88Mton @ 1,08g/ton 4E measured resources . Met recovery 4E = 48%



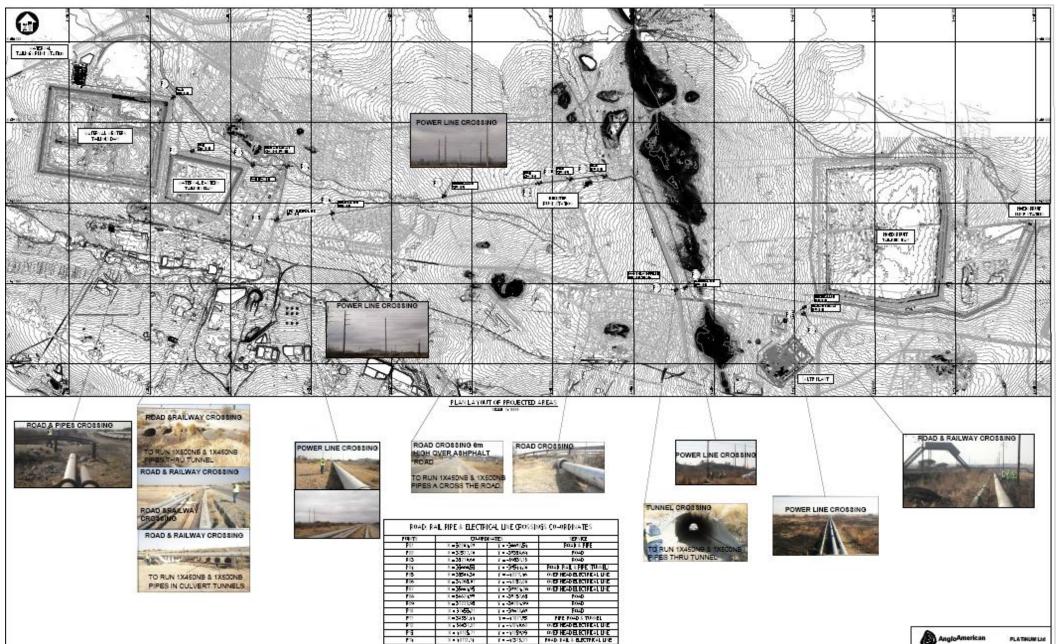


# **Tailings and plant locations**



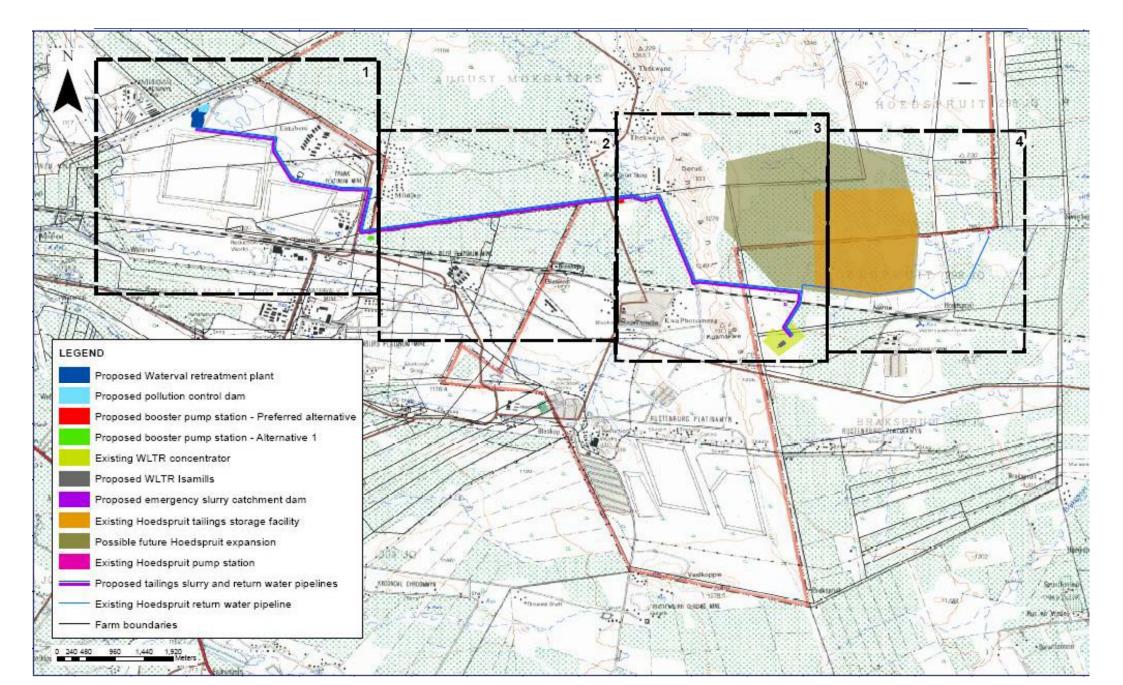








## **Overall Map**





# **Geology and mineral resources**

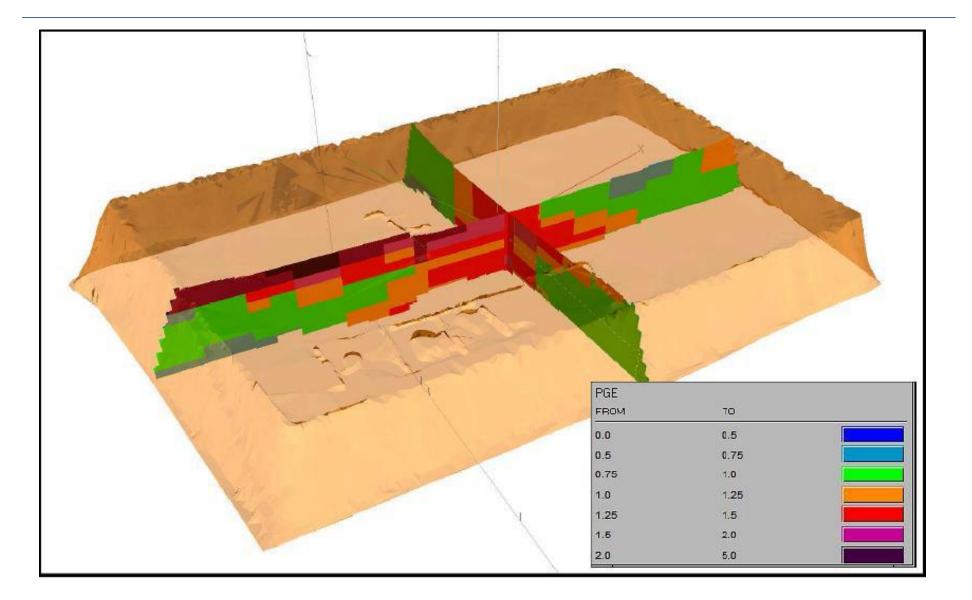
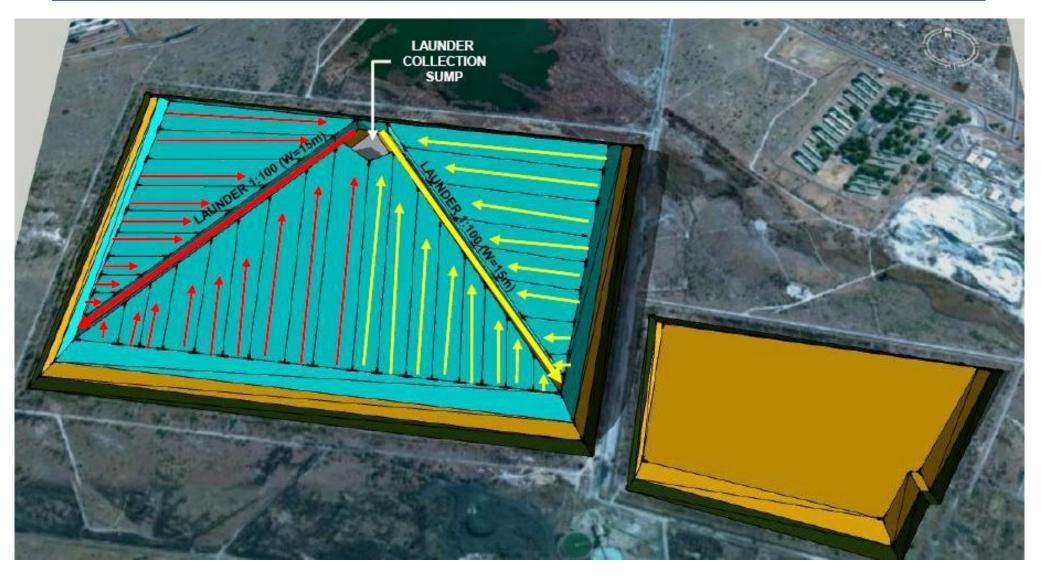


Figure 21.3: East dam – PGE (g/t) grade distribution.



# **Remining method and plan summary**





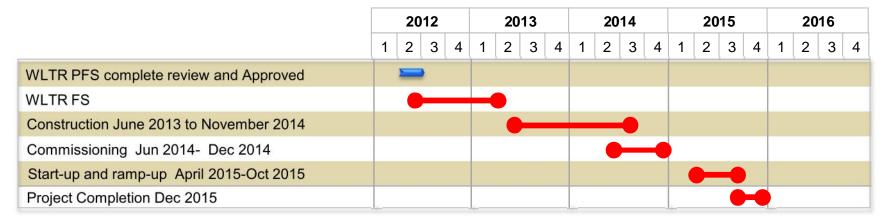
# Waterval pump station layout





# **Executive Summary** WLTR Project Milestone

Phase	Milestone selected alternative option 3	Date
FEL 2	Pre-Feasibility Study	Completed Feb 2012
	Review & Approval	June 2012 – Aug 2012
FEL 3	Feasibility Study (R26m approved to early start)	Jan 2012 – Jan 2013
	Review & Approval (early review in Feb'13, final review June'13)	Feb 2013 – Aug 2014
FEL 4	Isa Mill purchase order (4 equipments)	◆ Feb 2013
	Construction (start and mechanical completion)	Jun 2013 – Nov 2014
	Cold Commissioning (C3) – Hot Commissioning (C5)	Jun 2014 – Dec 2014
Ramp-Up	Ramp-up (C6) completed and hand over	April 2015 – Oct 2015
	<ul> <li>Stable Nameplate Capacity (3 consecutive months)</li> </ul>	<ul> <li>Oct-Nov-Dec 2015</li> </ul>
Post Investment	<ul> <li>Close Out Review (By BU)</li> </ul>	◆ Dec 2016
	<ul> <li>Post Investment review (by TBCG)</li> </ul>	◆ Jun 2017



# POTENTIAL IMPACTS IDENTIFIED AND MANAGEMENT AngloAmerican MEASURES TO BE UNDERTAKEN

Potential Impact	Socio-economic	Environmental	Management Measure	
Visual			<ul> <li>Investigation of impact in the EIA</li> <li>Social Impact Assessment</li> <li>Inclusion of mitigation measures in the EMPR</li> </ul>	
Noise				
Safety				
Socio-Economic				
Soils, Land Use and Land Capability			<ul><li>Investigation of impact in the EIA</li><li>Inclusion of mitigation measures in the EMPR</li></ul>	
Biodiversity			<ul> <li>Investigation of impact in the EIA</li> <li>Aquatic Ecology Impact Assessment</li> <li>Inclusion of mitigation measures in the EMPR</li> </ul>	
Surface and Groundwater			<ul> <li>Investigation of impact in the EIA</li> <li>Water balance and water quality assessment</li> <li>Inclusion of mitigation measures in the EMPR</li> </ul>	
Air Quality (dust)			<ul> <li>Investigation of impact in the EIA</li> <li>Air Quality Impact Assessment</li> <li>Inclusion of mitigation measures in the EMPR</li> </ul>	
Traffic			<ul> <li>Investigation of impact in the EIA</li> <li>Traffic Impact Assessment</li> <li>Inclusion of mitigation measures in the EMPR</li> </ul>	