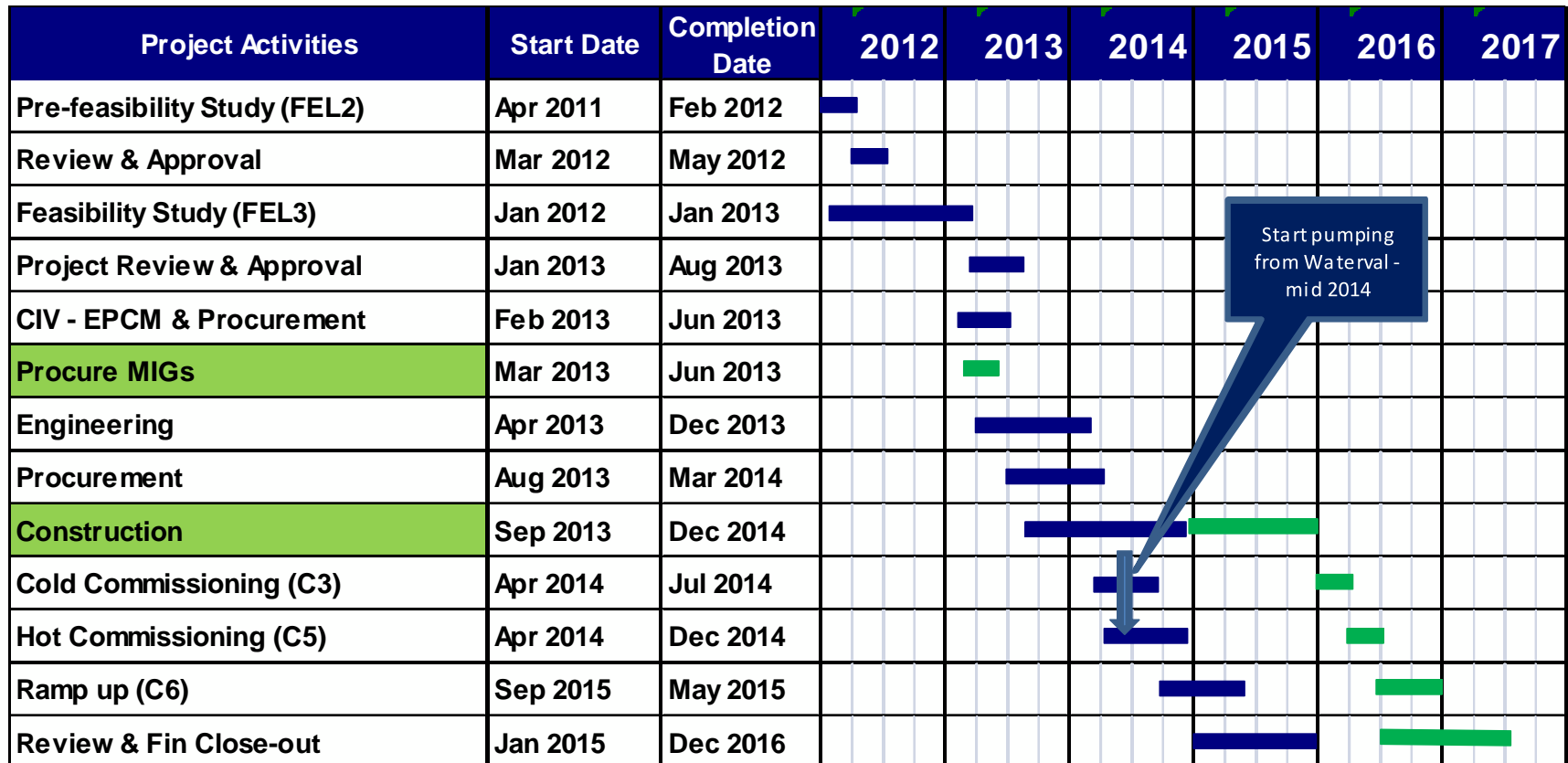
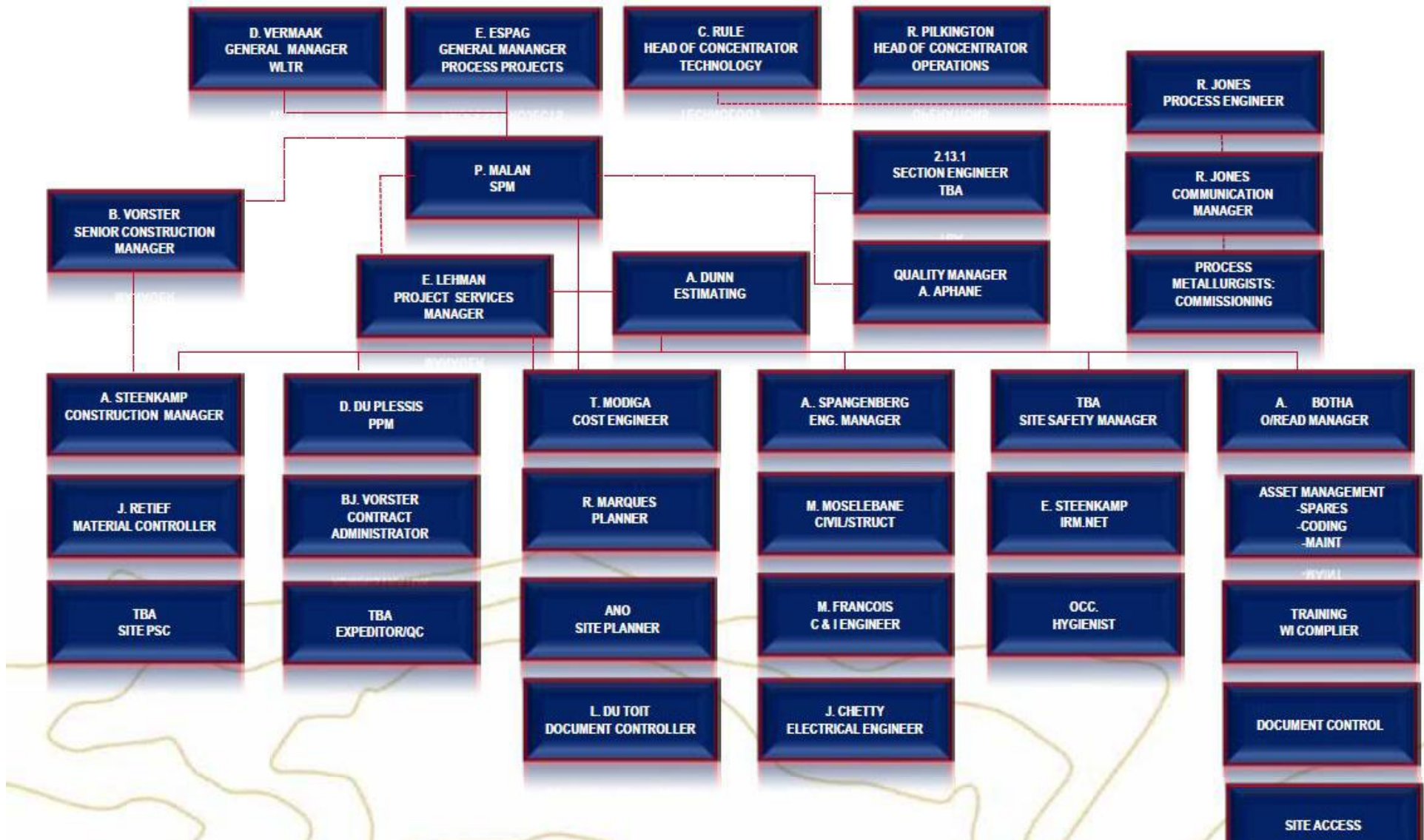


# **APPENDICES - PART 2**

# PROJECT SCHEDULE


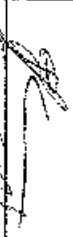





# Organisation Structure Owner Team WLTR for Feasibility




# RBN NOTIFICATION MEETING 17 SEPTEMBER 2012

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

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
Nishi Heinpoosad	AP.	GM/ P.	Tel: 0834638919 Fax: Email:	
Ernie Kerens	RPM	General Manager	Tel: 0833922090 Fax: Email: ernie@bestking.com	
Azore S. Bazem	Azore Part	Human Resources	Tel: 0834555874 Fax: Email: abritz@anglopld.com	
Aure Moshan	Anglo Platinum	Project Manager	Tel: 0832520841 Fax: Email: aure.moshan@anglopld.com	
Catherine Grongras	NSP	SNL consultant	Tel: 0945015805 Fax: Email: catherine.grongras@nsfgroup.co.za Tel:	



Name		Company	Designation	Contact details (Tel/Fax/Email)			Signature
Jareed O'Brien	WSP	Assistant Environmental Consultant		Fax:			
				Email:			
				Tel:	011 3611376		
				Fax:	086 505 3939		
				Email:	jareed.o'brien@wsp.co.za		
Khalid Patel	EIMS	MINING Division manager		Tel:	011 769 1170		
				Fax:			
				Email:	khalid@eims.co.za		
TEGESA TALJAARD	RBH	INVESTMENT MANAGER		Tel:	011 530 8000		
				Fax:			
				Email:	tevesat@bafokengholdings.com		
FRANCIS JOUBERT	Tabacco	Director		Tel:	(011) 358 7700 / 0836802075		
				Fax:			
				Email:	fj@tabacco.com		
Reokwiphe Tingoane	RBA	REPAIRING		Tel:	014 566 1280		
	LENU			Fax:			
				Email:	reokwiphe@bafokeng.com		
Pleasure Mabyane	RBA	Land Affairs Offices		Tel:			
				Fax:			
				Email:	pleasure@bafokeng.com		
TRUMISENUS HUNTA	RBH	LAND AFFAIRS		Tel:	014 566 1280		
				Fax:			
				Email:	trumisenus.hunta@bafokeng.com		
				Tel:			

Name		Company	Designation	Contact details (Tel/Fax/Email)			Signature
MODISAPOSILE			EXEC	Fax:			
MOKATE	PBA		LAND AFFAIRS	Email:	modisaposile.mobalee@pbf.org.j		
				Tel:			
				Fax:			
				Email:			
				Tel:			
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# Local Leadership Notification meeting minutes

# MEETING MINUTES

**Meeting Date:** 27 November 2012

**Time:** 08h00 – 11h00

**Venue:** RPM Sports Club

**Subject:** Local & Traditional Leadership Notification Meeting for the proposed Re-processing of Anglo American Platinum Waterval Tailings Storage Facilities project

**Chair:** Catherine Greengrass

## Attendees

Catherine Greengrass (CG) WSP Environment and Energy: Senior Environmental Consultant

Dan Molefe (DM) OBD Contractors (Makgotlha)

Fred Setshoane (FS) Photsaneng Community Representative (Makgotlha)

Gabriel Khunou (GK) Thekwane Councillor

Hashley Setshedi (HS) Mfidikwe Kgotla

Henke Dippenaar (HD) TWP Engineer

Ishmael Sekano (IS) Anglo American Platinum, Rustenburg Community Engagement and Development

Jared O'Brien (JO) WSP Environment and Energy: Assistant Environmental Consultant

John Moseki (JM) Mfidikwe Kgotla

Kennedy Pholose (KP) Madibana Community (Treasurer)

Kim Allan (KA) WSP Environment and Energy: Senior Associate

## **Attendees**

Libby Redding (LR)	Anglo American Platinum Social Advisor
Martin Khunou (MK)	Photsaneng Community Representative
Mogomotsi Molefe (MM)	Ward Councillor (Ward 33)
Nishi Haripursad (NH)	Environmental Manager: Process
Pierre Malan (PM)	Anglo American Platinum Senior Project Manager
Solomon Ramogale (SR)	Photsaneng Community Representative (Makgotlha)
Stanley Molotsane (SM)	Photsaneng (Headsman)

# Appendices

## **Appendix A - Presentation**

# MINUTES

	Points of Discussion	Responsible person	Status
1.	<p><b><u>Welcome and Apologies</u></b></p> <p>CG welcomed all present and thanked the attendees for making themselves available for the meeting. CG requested each of the attendees to introduce themselves to the meeting members and to sign the attendance register.</p> <p>CG indicated that the meeting agenda is to cover the following points:</p> <ul style="list-style-type: none"> <li>■ Background Information and Motivation;</li> <li>■ Governance Framework;</li> <li>■ Project Location;</li> <li>■ Project Description;</li> <li>■ Identification of Potential Impacts;</li> <li>■ Specialist Studies to be undertaken;</li> <li>■ Proposed Process to be followed; and</li> <li>■ Discussion / Comment Session will follow the presentation.</li> </ul> <p>Please refer to <b>Appendix A</b> which contains the Presentation. Please refer to <b>Appendix B</b> which contains the Attendance Register.</p> <p>CG ran through the background to the proposed Re-processing of Anglo American Platinum Waterval Tailings Storage Facilities project (hereafter referred to as the Project), the motivation for the project, the legal framework, the potential impacts which may arise from the project, the specialist studies to be undertaken, the proposed way forward, and the public participation process to be followed (please refer to <b>Appendix A</b> for detail).</p>	CG	-
2.	<p><b><u>Project Location</u></b></p> <p>PM described the project location and the purpose of the various components of the project.</p>	PM	-
3.	<p><b><u>Questions and Concerns Raised</u></b></p> <p>CG requested any questions from the attendees. IS added that the purpose of the meeting is to inform all the local leadership of the project and the public participation process to be undertaken. The local leadership requested 20 minutes in order to discuss and list the questions to be raised to the project team. At this point the project team left the room.</p> <p>On return the following issues were voiced:</p> <ul style="list-style-type: none"> <li>■ The community leaders complained of existing issues with traffic in the communities which is said to be caused by Rustenburg Platinum Mines (RPM). In addition, the community claims that potholes in and around the communities have been caused by the use of mining vehicles/ machinery which travel on the roads.</li> <li>■ The restriction of access to roads during the project construction period was voiced as a concern (If temporary roads are used, will the roads be maintained?).</li> <li>■ The cracking of houses in the communities is claimed to be a result of RPM existing mining operations</li> <li>■ How will RPM better manage the safety and security issues experienced by the communities as a result of the strikes should similar scenarios occur in the future (schools, clinics and businesses were also impacted upon)?</li> <li>■ The community leaders complained about security issues associated with the influx of RPM employees from outside areas. The community leaders want RPM to ensure that employment is provided to local community members.</li> <li>■ The communities complain of health impacts which they believe are resultant of mining operations</li> <li>■ The community leaders are concerned about the impact which the project will have on their use of agricultural land (including crops and cattle).</li> <li>■ The community leaders complained about legacy issues which were never resolved by RPM during previous projects (Local leadership do not want to report back to the community on issues which will never be resolved)</li> <li>■ Will there be any form of compensation from the Project for surrounding communities?</li> <li>■ The community leaders requested that budget be made available to develop infrastructure in the communities.</li> <li>■ The community leaders requested a meeting with RPM, RBH and the Rustenburg local municipality at which all the issues can be discussed.</li> </ul>	Project Team	To be completed
4.	<p><b><u>Responses to Issues raised</u></b></p> <p>The project team agreed to consult with Anglo management regarding the issues raised and feedback to the local leadership committee at a focus group meeting which is to be arranged between 7-11 January 2013.</p>	Project Team	To be completed
5.	<p><b><u>Meeting Close out</u></b></p> <p>The project team thanked the local leadership for attending the meeting.</p>	CG	Completed

## Final Distribution

All Attendees

## Appendix A – Presentation





# NOTIFICATION MEETING AND SCOPING PHASE INFO SESSION

THE PROPOSED RE-  
PROCESSING OF THE  
ANGLO AMERICAN  
PLATINUM, WATERVAL  
TAILINGS STORAGE  
FACILITIES (TSF'S) LOCATED  
IN RUSTENBURG, NORTH  
WEST PROVINCE

**Venue:** AAP Recreation Club  
**Date:** 27 Nov 2012  
**Time:** 08h00 – 10h00

UNITED  
BY OUR  
DIFFERENCE



# Welcome and Introductions



- Proponent
  - Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM)
  
- Independent Environmental Assessment Practitioner
  - WSP Environment and Energy (WSP)
  
- Competent Authorities
  - Department of Mineral Resources (DMR)
  - North West Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT)



# Overview of Presentation



- Background Information and Motivation
- Governance Framework
- Project Location
- Project Description
- Identification Of Potential Impacts
- Specialist Studies
- Proposed Process To Be Followed
- Discussion / Comment Session



# Background Information and Motivation



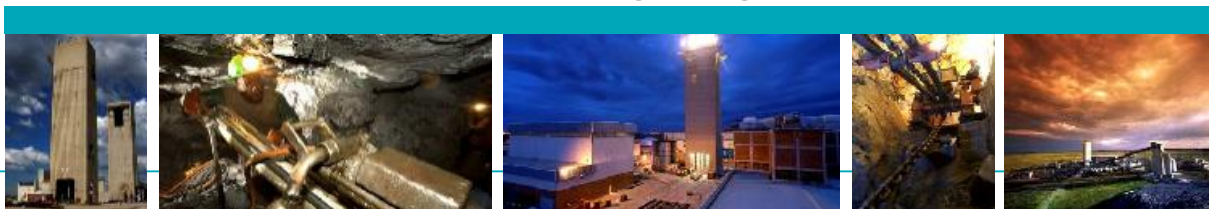
- Tailings from RPM operations stored at the
  - Klipfontein Tailings Storage Facility (TSF)
  - Waterval TSFs – East and West
- Dormant since mid-1990s, still contain concentrations of Platinum Group Metals and Base Minerals - not previously extractable
- Improved technologies make the extraction of remaining metals/minerals viable
- 2002 – EMPR amendment approved further processing of mined material contained in the tailings:
  - Recovery of material from Klipfontein TSF & Waterval TSF's (hydraulic sluicing)
  - Transfer to processing facility (pipelines)
  - New processing facility - Western Limb Tailings Retreatment Facility (WLTR)
  - New “mega” TSF – Hoedspruit TSF
  - Associated infrastructure
- All approved in 2002 Environmental Management Programme (EMPR) amendment



# Governance Framework



- Reprocessing of Klipfontein commenced 2003. Reprocessing of Waterval TSFs has not yet commenced.
- Changes to design and layout are required for the Waterval portion of the project, thus requiring amendment of the EMPR in terms of the (Minerals and Petroleum Development Act (MPRDA))
- Additionally, involves listed activities in terms of the National Environmental Management Act (NEMA)
- Involves water uses (river crossings, appropriate storage of water that may pollution), in terms of the National water Act (NWA)
- Thus, the following is required:
  - Scoping and EIA process including public participation process (PPP) in terms of NEMA
  - EMPR amendment process in terms of MPRDA (to be integrated into NEMA EIA and PPP process)
  - Amendment to existing Integrated Water Use Licence

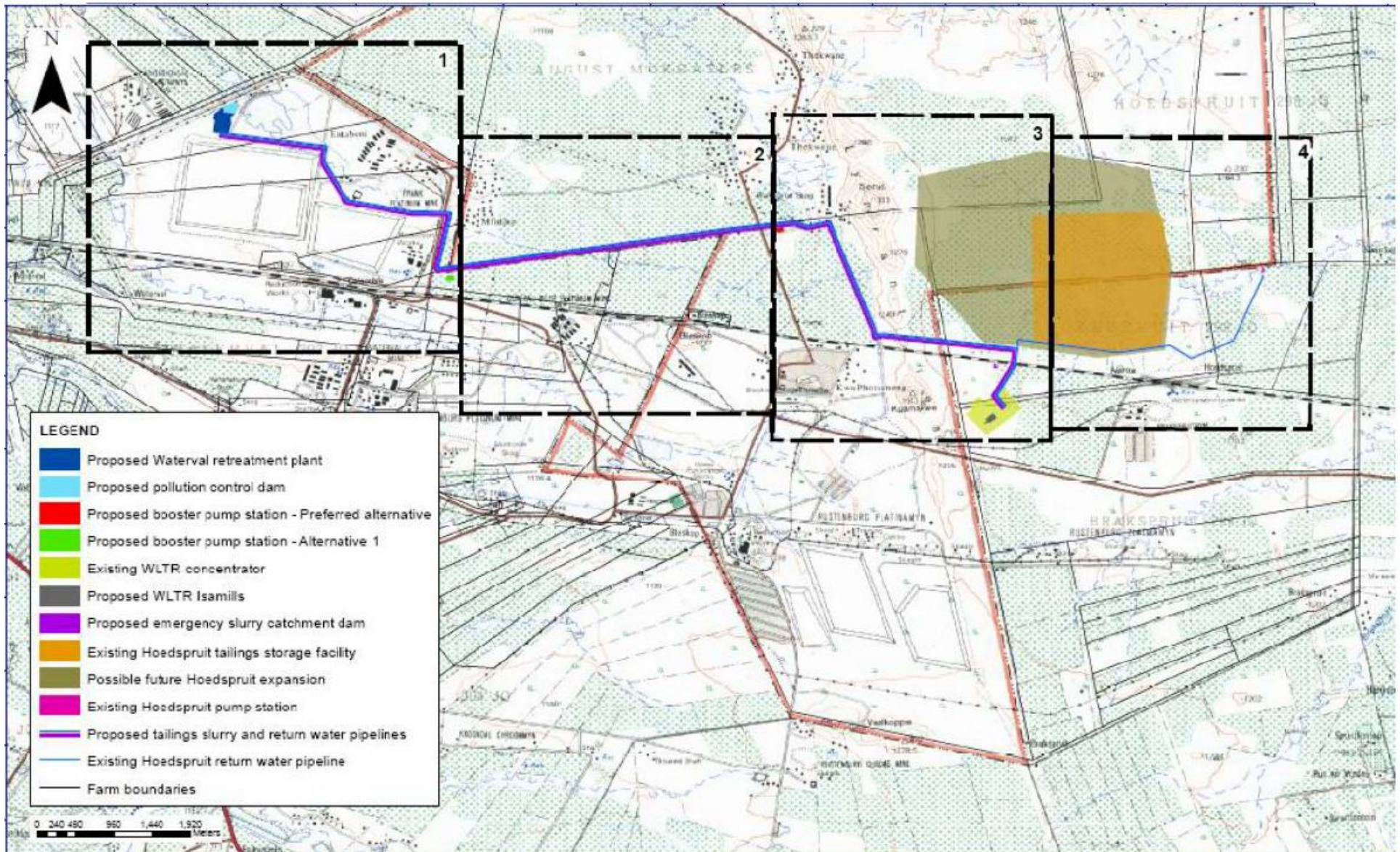




# Project Location









# Project Description



- Reclamation of tailings – hydraulic sluicing (high pressure water guns)
- Collection at new pre-treatment facility at the Waterval TSFs, which includes pump station, screening, storage, thickening and surge tank
- Proposed Pollution Control Dam at Waterval
- Overland 12km slurry pipeline from Waterval to WLTR
- Overland return water pipeline from Hoedspruit to Waterval
- Booster Station along the pipeline (Siphumelele Shaft 1)
- Addition of four IsaMills™ within Mainstream Inert Grinding (MIG) applications within WLTR (improved recovery)
- Final tailings deposition on existing Hoedspruit TSF, possible increase in to 45m within authorised height of 68m (EMPR 2002 allows for future increase to 120m)
- Associated infrastructure
  - Administration and ablution facilities, access road, construction laydown areas
  - Potable and process water, sewage management (septic tanks and soak aways)
  - New, upgrade, relocation of power lines



# Identification of Potential Impacts

Environmental Aspect	Potential Impact
<b>Soils, Land Use and Land Capability</b>	Loss of grazing capacity along pipeline route
	Loss in agricultural potential along pipeline
	Obstacles to movement of people and livestock due to overland pipeline
	Potential for spills of fuels and other chemicals during construction and operation
	Pipeline leaks during operation
<b>Biodiversity</b>	Loss of terrestrial habitat
	Loss of aquatic/wetland habitat and habitat for bird species
	Disturbance and displacement of fauna / avifaunal species
	Faunal interaction with structures, servitudes and personnel
	Impact on surrounding habitat and species
	Increase in environmental degradation
	Introduction / spread of alien species
Loss of species diversity	
<b>Surface and Groundwater</b>	Soil erosion from changes in surface water flow due to construction of infrastructure
	Surface water pollution due to spills of fuels or chemicals during construction and operation
	Removal of vegetation on the TSFs prior to re-processing may increase surface water runoff as well as the entrainment of tailings materials into the surface water and final deposition and sedimentation of the Klipgat Return Water Dam.
	Positive impact of the reduction of tailings volume due to reprocessing thereby reducing the potential impacts/risks to ground water at final mine closure in the future
<b>Air Quality</b>	Particulate matter (dust) impacts from the Waterval TSF during construction phase due to removal of vegetation on the TSF prior to re-processing
	Particulate matter from the Hoedspruit TSF during operation, where the tailings from the WLTR are deposited
<b>Traffic</b>	Construction vehicles using the existing road networks to access the proposed site and pipeline route
	Increase in the number of vehicles on the existing networks during operation
	Loss of significant cultural / heritage resources

# Identification of Potential Impacts

Socio-economic / cultural / heritage	Potential Impact
<b>Visual</b>	Visual impact associated with construction vehicles and activities on site
	Impact of the overland pipeline, pre-treatment plant and pollution control dams.
	Should an increase to the approved height of the Hoedspruit TSF be required, there may be an associated visual impact.
<b>Noise</b>	Noise impact during construction of the pipeline, pre-treatment plant, PCD and booster station.
	Noise from Isa Mills
<b>Safety</b>	Safety of employees at reclamation site
	Safety of employees and public along pipeline route during construction
	Road Safety: Increase in construction trucks/heavy vehicles on public roads
<b>Culture and Heritage</b>	Impacts on previously unknown heritage/ cultural / archaeological resources that may be unearthed during construction
<b>Socio-Economic</b>	Job creation, and continuation of operation (and employment) at WLTR
	Expansion of local skills
	Local procurement opportunities
	Economic development
	Impact on grazing activities
	Security/safety risks of the public
	Noise intrusion
	Dust intrusion
	Light intrusion
	Increased potential for fires
	Influx of people resulting in increase in informal settlements and additional pressure on existing facilities and resources.
	Cracking of houses due to vibrations during construction activities such as ground compaction.
Restriction of access to facilities and resources such as grave yard, grazing land, places of work etc.	



# Specialist Studies



- Assessment within the EIA Phase by the EAP, and specialist studies include:
  - Aquatic Ecology Assessment
  - Traffic Impact Assessment
  - Air Quality Impact Assessment
  - Social Impact Assessment
  - Water Balance and Water Quality Assessment
  - Closure Plan



# Proposed Process to be followed



Activity	Proposed timeframes
Initiation of the public consultation process	November 2012
Compilation of draft Scoping Report	Done
Public Review of Scoping Report (40 days)	End-November 2012 – end-January 2013
Submission of final Scoping Report to DMR and NWDETECT	Early February 2013
Completion of the Final Draft EIA and EMP Reports	Early February 2013
Public Review of EIA and EMPR (40 days)	Early February - Early May 2013
Submission of EIA and EMPR Report to the DMR and NWDETECT	Mid-May 2013
DMR and NWDETECT approval period for EIA and EMPR Amendment	Mid-May to Mid-September 2013



# Public Participation



Activity	Proposed timeframes
Meeting with local leadership	Today 27 November 2013
Newspaper Notification and Letters in English. BIDs and Site Notices in English and Tswana	27-29 November 2013
Provision of Scoping Report for public review	29 November 2012 to 29 January 2013
Meeting with local authorities	To be determined
Public meetings x 2:	<ul style="list-style-type: none"> <li>Thekwane Tlhage Primary School, 12 January 2013, 09h00 – 10h30; and</li> <li>Mfidikoe Primary School, 12 January 2013, 11h30 – 13h00.</li> </ul>



# Discussion / comment session





Further queries please contact  
**WSP Environment and Energy**

<b>Catherine Greengrass</b>	<b>Jared O'Brien</b>
Project Manager	Consultant
Tel: 011 361 1395	Tel: 011 361 1395
Fax: 086 240 0693	Fax: 086 240 0693
<a href="mailto:Catherine.greengrass@wspgroup.co.za">Catherine.greengrass@wspgroup.co.za</a>	<a href="mailto:Jared.obrien@wspgroup.co.za">Jared.obrien@wspgroup.co.za</a>

# Local Leadership Response meeting minutes

# MEETING MINUTES

**Meeting Date:** 10 January 2013

**Time:** 09h00 – 11h00

**Venue:** RPM Sports Club

**Subject:** Local & Traditional Leadership Response Meeting for the proposed Re-processing of Anglo American Platinum Waterval Tailings Storage Facilities Project

**Chair:** Pierre Malan / Danilla Breedt

## Attendees

Danilla Breedt (DB)	WSP Environment and Energy: Senior Environmental Consultant
Dan Molefe (DM)	OBD Contractors (Makgotlha)
Gabriel Khunou (GK)	Madibana Community
Hashley Setshedi (HS)	Mfidikwe Kgotla
Ishmael Sekano (IS)	Anglo American Platinum, Rustenburg Community Engagement and Development
Jared O'Brien (JO)	WSP Environment and Energy: Assistant Environmental Consultant
John Moseki (JM)	Mfidikwe Kgotla
Kennedy Pholose (KP)	Madibana Community (Treasurer)
Kim Allan (KA)	WSP Environment and Energy: Director
Libby Redding (LR)	Anglo American Platinum Social Advisor
Mogomotsi Molefe (MM)	Ward Councillor (Ward 33)

## **Attendees**

Mogomotsi Pooe (MP)	Community Leadership
Pierre Malan (PM)	Anglo American Platinum Senior Project Manager
Stanley Molotsane (SM)	Photsaneng (Headsman)
Mogapi Ntshole	Ward Councillor (Ward 34)
Walter Senn (WS)	Rustenburg Local Municipality (RLM): Waste Management - Head of Department
Alex Kinmont (AK)	TWP Project Manager
Dikago Mathule (DM)	Anglo American Platinum: CED Manager
Dudu Ratshefelo (DR)	Anglo American Platinum: CED Manager
Butinyana Pholose (BP)	Kgotlaya / Madibana / Thekwana (Community Representative)
Shawn Monotsi (SM)	RBA Councillor
Vinesh Dilsook (VD)	Anglo American Platinum: Environmental Manager
Danielle Michel (DM)	WSP: Social Impact Assessment Specialist
Mothanke Tladi (MT)	SEKBC (Selectarial Arm)
Unknown	RLM: Local Economic Development (LED) Director

# Appendices

**Appendix A – Presentation**

**Appendix B – Issues and Responses Table**

**Appendix C – The Project Procurement Operating Plan**

# MINUTES

	Points of Discussion	Responsible person	Status
1.	<p><b><u>Welcome and Apologies</u></b></p> <p>PM welcomed all present and thanked the attendees for making themselves available for the meeting. DB requested each of the attendees to introduce themselves to the meeting members and to sign the attendance register.</p> <p>DB indicated that the meeting agenda is to cover the following points:</p> <ul style="list-style-type: none"> <li>■ Project Motivation;</li> <li>■ Project Location;</li> <li>■ Project Description;</li> <li>■ Proposed Public Participation Process;</li> <li>■ Issues and Responses;</li> <li>■ Discussion / Comment Session; and</li> <li>■ WSP Contact Details.</li> </ul> <p>Please refer to <b>Appendix A</b> which contains the Presentation.</p> <p>DB ran through the presentation detailing the project. PM then described the project layout by using a project layout map. The project team then ran through the Issues &amp; Responses table with the local leaders. DB read out each of the issues which were indicated by the local leaders during the Local Leadership notification meeting on the 27<sup>th</sup> of December 2012 along with the associated concern and implication. Following this, PM, DR and AK indicated the management responses and the action plans per issue.</p>	DB/PM	Completed
2.	<p><b><u>Issues and Responses</u></b></p> <p>The issues and responses table is contained within <b>Appendix B</b>.</p>	DB/PM/DR/AK	Completed
3.	<p><b><u>Meeting Close out</u></b></p> <p>A local leader requested that a sign-off register be included in the minutes from the meeting to ensure that the action plans will be implemented. LR indicated that all the issues recorded will be included in the Environmental Impact Report (EIR) which will be submitted to the authorising Department, ultimately making it a legally binding document. In addition, the CED (Community Engagement Department) will be given the issues and responses table to consider for the upcoming CED meetings. The RLM (Rustenburg Local Municipality) LED (Local Economic Development) Director indicated that the action plans are to be included in RPM's annual report to ensure it gets implemented. The local leaders have the responsibility of reporting back to their respective communities prior to the public meeting which will take place on Wednesday, 16 January 2013 next week. Local leaders will indicate proposals to Ishmael in the future regarding possible sustainable development projects in the various wards. The Procurement Operating Plan (POP) will be sent to the attendees before the public meeting on the 16<sup>th</sup> of January 2013. PM noted that this meeting is part of the Scoping Phase therefore there will still be future correspondence opportunities during the Environmental Impact Assessment (EIA) phase of the project. In closing, the RLM LED Director requested that a formal document which spells out the agreements agreed upon, be compiled to avoid ambiguity in the future. This document (meeting minutes as well as attached Issues and Response table) will serve as the formal agreement as requested.</p>	All Parties	To be completed

## Final Distribution

### All Attendees

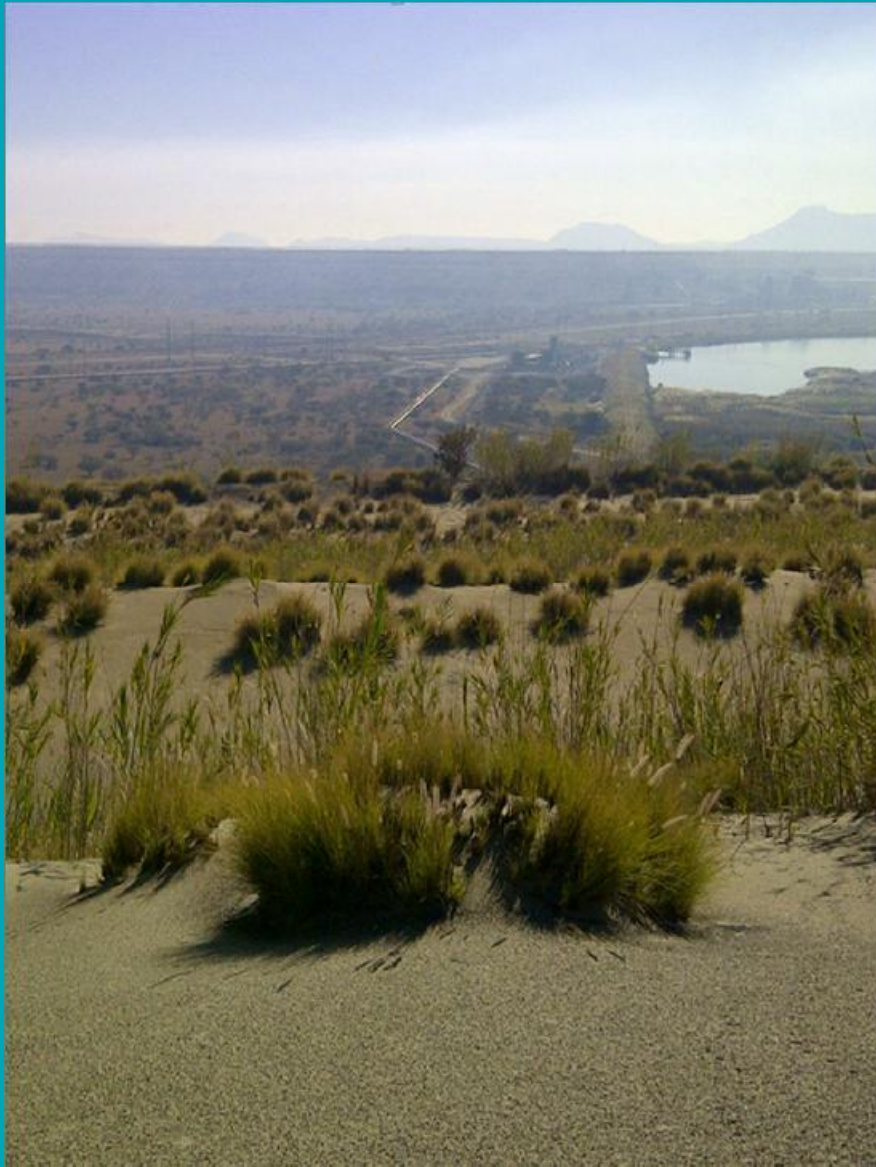
# Minutes sign off

Representative	Organisation	Signature
Kim Allan	WSP	
Ishmael Sekano (IS)	Anglo American Platinum	
Libby Redding (LR)	Anglo American Platinum	
Mogomotsi Molefe (MM)	Ward Councillor 33	
Pierre Malan (PM)	Anglo American Platinum	
Mogapi Ntshole	Ward Councillor 34	
RLM LED Director (WS)	Rustenburg Municipality	Local
Alex Kinmont (AK)	TWP	
Shawn Monotsi (SM)	RBA Councillor	

# Appendices

## Appendix A – Presentation





# Local Leadership Feedback Session

## SCOPING PHASE

THE PROPOSED RE-  
PROCESSING OF THE  
ANGLO AMERICAN  
PLATINUM, WATERVAL  
TAILINGS STORAGE  
FACILITIES (TSFs) LOCATED  
IN RUSTENBURG, NORTH  
WEST PROVINCE

Venue: RPM Recreation Club  
Date: 10 Jan 2013  
Time: 09h00 – 11h00

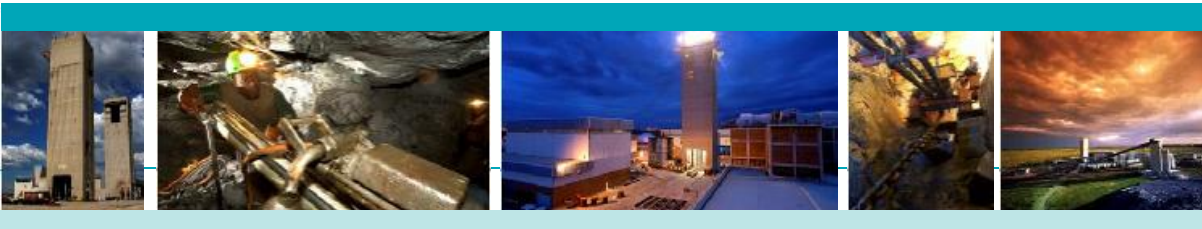
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BY OUR  
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# Welcome and Introductions



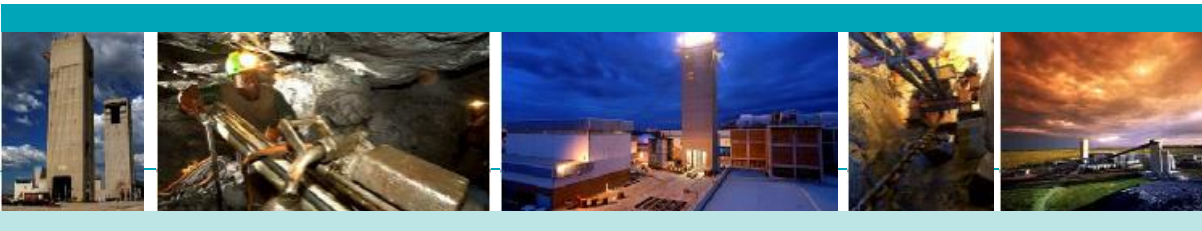
- Proponent
  - Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM)
  
- Independent Environmental Assessment Practitioner
  - WSP Environment and Energy (WSP)
  
- Competent Authorities
  - Department of Mineral Resources (DMR)
  - North West Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT)
  - Department of Water Affairs (DWA)



# Overview of Presentation



- Project Motivation
- Project Location
- Project Description
- Proposed Public Participation Process
- Issues & Responses
- Discussion / Comment Session
- WSP contact details



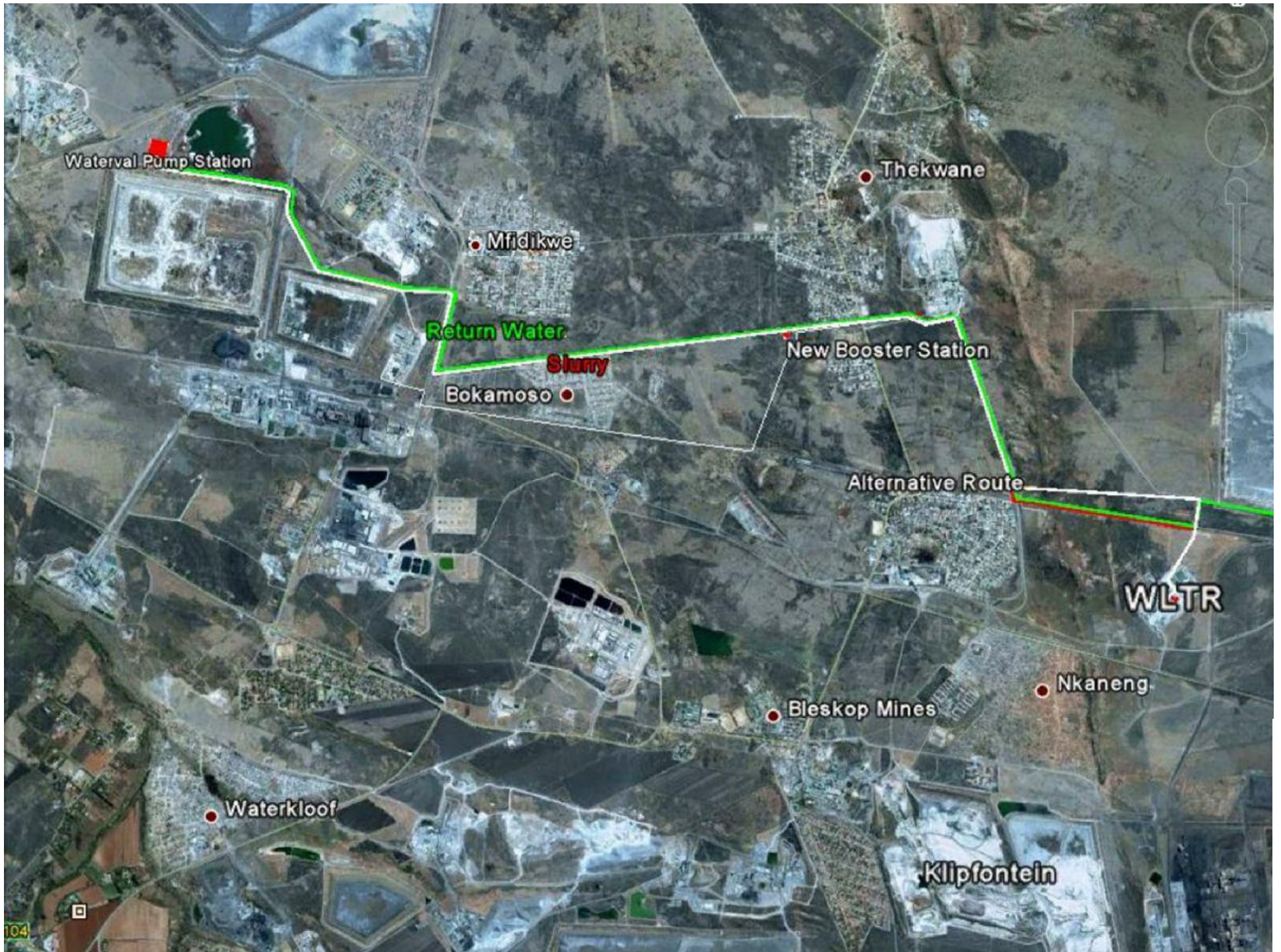
# Background Information and Motivation



- Tailings from RPM operations stored at the
  - Klipfontein Tailings Storage Facility (TSF)
  - Waterval TSFs – East and West
- Dormant since mid-1990s, still contain concentrations of Platinum Group Metals and Base Minerals - not previously extractable
- Improved technologies make the extraction of remaining metals/minerals viable
- 2002 – EMPR amendment approved further processing of mined material contained in the tailings:
  - Recovery of material from Klipfontein TSF & Waterval TSFs (hydraulic sluicing)
  - Transfer to processing facility (pipelines)
  - New processing facility - Western Limb Tailings Retreatment Facility (WLTR)
  - New “mega” TSF – Hoedspruit TSF
  - Associated infrastructure
- All approved in 2002 Environmental Management Programme (EMPR) amendment







Waterval Pump Station

Thekwane

Mfidikwe

Return Water

Slurry

New Booster Station

Bokamoso

Alternative Route

WLTR

Nkaneng

Bleskop Mines

Waterkloof

Klipfontein



# Project Description



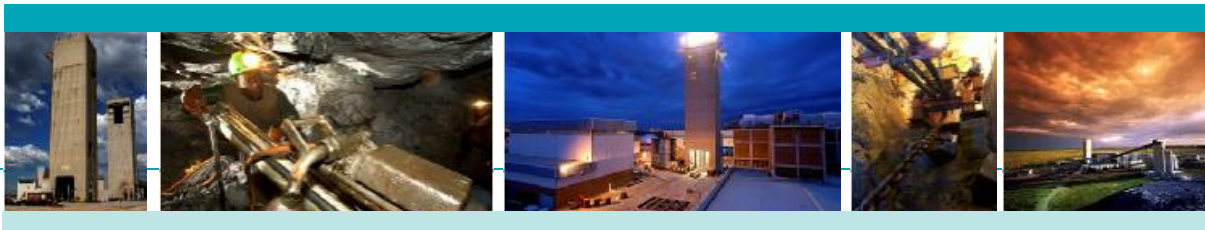
- Reclamation of tailings – hydraulic sluicing (high pressure water guns)
- Collection at new pre-treatment facility at the Waterval TSFs, which includes pump station, screening, storage, thickening and surge tank
- Proposed Pollution Control Dam north of Waterval West TSF
- Overland 12km slurry pipeline from Waterval Pre-treatment plant to WLTR
- Overland return water pipeline from Hoedspruit TSF to Waterval Pre-treatment plant
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- Final tailings deposition on existing Hoedspruit TSF, possible increase in height to 45m within authorised height of 68m (EMPR 2002 allows for future increase to 120m)
- Associated infrastructure
  - Administration and ablution facilities, access road, construction laydown areas
  - Potable and process water management as well as sewage management (septic tanks and soak aways)
  - New, upgrade, relocation of power lines.



# Public Participation Process



Activity	Proposed timeframes
Meeting with Royal Bafokeng Holdings	17 September 2012
Meeting with local leadership	27 November 2012
Newspaper advert, Letters, BIDs and Site Notice notifications	27 November 2012 – 10 December 2012
Provision of Draft Scoping Report for public review	29 November 2012 to 27 January 2013
Response meeting with local leadership	Today
Meeting with local authorities	To be determined
Public meeting	16th of January 2013 from 16:00pm to 17:30pm
Provision of Draft EIR / EMPR for public review	28 March 2013 to 09 May 2013
Appeal Period	16 September 2013 to 26 September 2013



# Issues & Responses

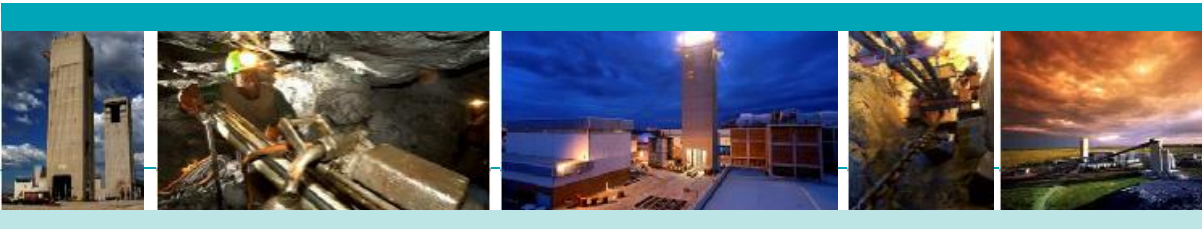


## Issues & Responses Table





# Discussion / comment session



Further queries please contact  
**WSP Environment and Energy**

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## Appendix B – Issues and Responses Table

# ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG

## ISSUES RAISED BY LOCAL LEADERSHIP AND MANAGEMENT RESPONSES

The issues contained in the table below were raised in the local leadership meeting held on the 27<sup>th</sup> of November 2012. The responses were discussed and documented below following an internal response meeting held on the 6<sup>th</sup> of December 2012. The responses were then communicated to the local leaders on the 10<sup>th</sup> of January 2013 where further questions were raised and responses issued. The table below has been updated to include the issues and responses from the local leadership response meeting which took place on the 10<sup>th</sup> of January 2013. Please note: **Table 1** below presents the initial discussion during the meeting held on 10 January 2013, however, during the course of this meeting, it was decided that the bulk of the issues be relayed to the Community Engagement Forum (CEF) which deals with historical / legacy and mine-wide issues. **Table 2** indicates the main project related issues which were agreed upon to be of high priority during this project, and requires further attention.

**Table 1: Overall issues and Responses as per Local Leadership Meetings & subsequent Management Response**

IMPACTS					
Stakeholder	Issue	Concern	Implications	Management Responses	Action Plan
Local Leadership Committee	The community leaders complained of traffic in the communities which is said to be caused by Rustenburg Platinum Mines (RPM). In addition, the community claims that potholes in and around the communities have been caused by the use of mining vehicles / machinery which travel on the roads.	Increased traffic congestion and the damaging of the local community roads.	A direct effect on the local communities, since the communities use the roads on a daily basis.	Maintenance of road is critical to the success of the project. The good condition of the roads is just as important to the project as it is to the community. A Traffic Impact Assessment is currently taking place for the project which will identify any project specific related traffic issues. The environmental study report (including traffic study) will be submitted to the authorities who will review the impacts.	Outcome of the Traffic Impact Assessment will be forwarded to the Rustenburg Local Municipality (RLM). The community will be notified before any road works are undertaken.
	Restriction of access to roads during the project construction period. If temporary roads are used, will the roads be maintained?	Lack of access to local businesses, clinics and schools during the construction period. The lack of maintenance of the temporary roads.	The community members cannot travel to work, school and/or clinics safely.	No detours are foreseen for the project. Pierre Malan indicated that there may be potential impacts during project construction phase but not during operation.	There will be speed restrictions and flagmen in cases where construction occurs around the public roads. All the traffic impact assessment mitigation measures will be implemented during the construction phase.
	The cracking of houses in the communities is claimed to be a result of RPM mining operations.	The damaging of the houses in the communities.	The decrease in the structural integrity of the buildings, the decrease in the selling price of the homes, and the repair	This project does not involve conventional mining. The reclamation activity will be conducted via hydraulic sluicing which involves no blasting	The RLM is aware of the existing non-project related issue and is / will be addressing it. During the construction period a complaints register will

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS					
Stakeholder	Issue	Concern	Implications	Management Responses	Action Plan
			costs incurred.	activities. At most, the construction activities will involve the use of jack-hammers. A study was conducted on cracked houses in the past (2007) which confirmed that the cracking was not caused as a result of RPM operations. If projects which include blasting are conducted in the future a post project study will be undertaken to assess any damage incurred to surrounding buildings. RPM has been caught up trying to clarify the employment issues therefore have not been able to engage the communities about this issue.	be available at the site entrance within which members of the community can record any blasting related issues.
	Safety and Security Issues associated with the recent strikes.	How will RPM better manage the safety and security issues experienced by the communities during similar scenarios in the future? The RLM does not live in the community therefore concerned that the RLM will not follow up with the issue.	Potential death and injury resulting from employees striking in communities. Lack of access to schools, clinics and business impacted on during industrial action.	Anglo's Protection Services work closely with the South African Police Services (SAPS) who has primary responsibility to ensure that safety and security is maintained during strike action. Anglo American Platinum (AAP) relied on SAPS as much as did the community. The Community Engagement Department (CED) will record the issues/ questions raised and follow up with relevant AAP Departments.	Safety and Security during strike action, is seen as a SAPS responsibility, however, by working closely with the Local Municipality and SAPS, as well as trying to improve Human Resources (HR) relations through the RPM Social and Labour Plan (SLP) as well as the Socio-economic Assessment Toolbox Version 3 (SEAT 3), the company is doing what they can to aid in safety and security issues.
	The community leaders complain about security issues associated with the influx of RPM employees from outside areas. The community leaders want RPM to ensure that employment is provided to local	Increased crime due to the influx of RPM employees from outside areas. A lack of employment for local residents. Employment promises not being	Increased crime statistics in the local communities. Lack of income for local residents.	The contractors commissioned on-site will be required to employ a certain number local labourers/managers (depending on the availability of skills) who will be sourced via the local ward councillors. The employment will	WSP will send the Procurement Operational Plan to all the attendees whom can tender for the contractor work. In addition, WSP will ensure work is given to the community members as and when required. The CEF

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS					
Stakeholder	Issue	Concern	Implications	Management Responses	Action Plan
	community members. No local skills development plan is in place. Contractors are employed without the prior consideration of the locals. Assumption is made that local skills are not available.	fulfilled. If the project plans according to the Integrated Development Plan (IDP) and the Master Plan there will be no jobs created for locals. Need to clarify the issue before meeting with the communities next week. The community will become angry if a resolution is not decided upon. Complain of the manipulation of the RLM CV database. No skills transfer from outside contractors to local residents.		be inherently temporary. A number of permanent operational jobs will be created by the project. Most of the project work involves qualified teams in order to guarantee the quality of work therefore employment will be provided if the criteria are met by local community members. If this project does not go-ahead the current jobs created by the Klipgat operation will be lost.	will address the issue further during future meetings. There will be future meetings, during the EIA phase in which the local leaders can express the issue further. The RLM Local Economic Development (LED) Director indicated that his Department would arrange a workshop in which to disseminate employment opportunities if required by locals. The project cannot guarantee opportunities until the project initiation phase.
	Health impacts caused by RPM mining operations.	The communities are concerned with the health implications of living within a close proximity to the RPM mining operations. Dust is referred to as the main concern.	Respiratory related health issues for local residents.	This is an RPM operations issue and will be approached as part of the Social and Labour Plan. In line with the Social and Labour Plan, commitment is made to provide primary health care. Furthermore, HIV/ VCT services are currently provided through mobile units. WSP is undertaking an air quality impact assessment for the project which will rate the significance of the dust impacts relating directly to the proposed project.	The RPM Social and Labour Plan will be adhered to. The dust mitigation measures contained within the Air Quality Management Plan will be taken into consideration during construction and operation. The project has been designed and costed for dust suppression, predominantly evident on the Tailings Storage Facilities (TSFs) which will mitigate the impacts of dust (if any).
	The impact which the project may have on community agricultural land.	A decrease in the land available for cattle grazing and cropping.	A decrease in the grasslands available for grazing and a decrease in the land area potentially available for	No significant impact on grazing land is foreseen as the majority of the pipeline route follows an existing pipeline corridor and project infrastructure is located on	A Social Impact Assessment will identify any potential impacts and subsequent management measures will be developed and implemented

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS					
Stakeholder	Issue	Concern	Implications	Management Responses	Action Plan
			cropping.	RPM land. A Social Impact Assessment will be undertaken for the project and will identify any potential impacts.	accordingly. The issue will be followed up in the CEF meeting at the end of the month.
	Legacy issues which have never been resolved by RPM.	Local leaders do not want to report back to the communities on solutions which will not be implemented.	Frustration in the communities and a negative impact on the reputation of AAP.	The Community Engagement Forum is in place and RPM have monthly meetings with leadership representatives to address these legacy issues.	CED to follow up on the issues through the community engagement forum. CED to call a meeting prior to the end of January 2013 to follow up on outstanding legacy issues.
	Will there be any form of financial compensation for surrounding communities in terms of tangible items/infrastructure which will benefit the communities outside of the scope of the IDP and the Master Plan.	A lack of financial provision for the surrounding communities.	Frustration amongst community members.	No significant impacts are foreseen that may require compensation. There is no physical resettlement as a result of the project and no foreseen impact on grazing land. A Social Impact Assessment is being undertaken for the project which will identify any potential oversights.	A Social Impact Assessment will identify any potential impacts and management measures will be developed and implemented accordingly. WSP will compile a basic Corporate Social Input (CSI) strategy document for the project in which employment opportunities may be created. The RLM will consult with the local councillors, consolidate the potential sustainable business opportunities and revert back to RPM to determine what RPM can assist with in terms of their required donation as a corporate entity.
	Will a budget be made available to develop infrastructure in the communities.	A lack of infrastructural development in the communities.	A lack of schooling and health care facilities in the communities as well as an increase in crime statistics due to the lack of street lights.	Infrastructure development is an integrated development planning imperative which should be addressed in accordance with the RLM IDP and the Royal Bafokeng Nation (RBN) Master Plan. The Social and Labour Plan will be revised in line with the SEAT 3 report in 2013/14. Opportunities for infrastructure development	Implementation of SEAT 3. Roll-out of Project Alchemy. The RPM Social and Labour Plan will be adhered to.

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS					
Stakeholder	Issue	Concern	Implications	Management Responses	Action Plan
				would be explored accordingly in the context of the IDP. Currently project Alchemy is being rolled out which seeks to benefit the communities. Alchemy was awarded shares from Anglo which will be allocated to development initiatives in the surrounding communities. The project lifespan is approximately 30 years. The communities will get the opportunity to nominate individuals whom will be responsible for deciding on the allocation of the funds.	

**FINAL ISSUES AGREED UPON BY LOCAL LEADERSHIP AND MANAGEMENT TO BE MADE PRIORITY DURING THIS PROJECT**

*During the initial meeting with the Local Leadership, the above-mentioned issues and concerns were raised, which were addressed by the Project Management Team. The responses to the issues and concerns were communicated and attempts were made to discuss these issues during the meeting held on the 10<sup>th</sup> of January 2013. However, after a brief “caucus” requested by the Local Leadership attendees, the meeting was resumed and three main areas of concern were emphasised and agreed upon. The remaining issues – as per **Table 1** above – will be dealt with as part of the existing CEF (as agreed upon by all parties present). The main issues of concern, relating to the proposed project, are presented in the table below. It was also requested that the decisions and agreements made during this meeting and contained in the table below, be signed off by relevant persons presenting Anglo American Platinum.*

**Table 2: Main project issues & responses related to the proposed project**

Stakeholder	Issue	Description of Issue	Management Responses
Local Leadership Committee	<b>Local Labour</b>	The Local Leadership Committee (LLC) is aware that construction will be short-term. Local labour should be utilised as first priority for new employment opportunities, and the members requested AAP's commitment to use of local labour as part of this project as well as future projects. The LLC members, however, understand that skilled services could be sourced from outside, should services not be available from within the local community.  The request was that AAP utilise the current database as per RLM but take responsibility	AAP responded that for short-term labour opportunities (during construction phase), the local (immediate vicinity) expertise will be given first priority. This will ultimately include Ward 33, Ward 34 and Ward 29 (as per definition). However, should skilled/specialised services be required, this will have to be sourced from elsewhere, should



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Stakeholder	Issue	Description of Issue	Management Responses
		<p>for job allocations, and the committee requested commitment from AAP with regards to this concern. Members of the LLC want an undertaking in writing that local labour would be sourced directly. They were concerned that, should the recruitment process take place via the RLM Database (as per current system), the system might be at risk of manipulation – and employment opportunities for local residents could be jeopardised.</p> <p>Members of the LLC requested information and CVs still be forwarded to existing database through Royal Bafokeng and RLM. However, the system will be spearheaded by the local councillors.</p> <p>Skilled labour should also be defined. The database will be considered if required skills aren’t directly available. The construction phase of this project should consider short-term employment opportunities and skills transfer should also be considered for future projects.</p> <p><u>An example was provided:</u>  <i>“WSP (including all AAP’s service providers / suppliers) should consider possible Joint Venture (JV) opportunities within the RLM to assist in the potential transfer of skills. This would assist in future opportunities for the locals”.</i></p> <p><u>Point to note:</u> Definition of “local” in this context: Ward 33, Ward 34 and only the Thekwane Village in Ward 29. It should also be noted that should local skills / services not be available, the labour can then be sourced from beyond the immediately surrounding communities.</p> <p>The RLM indicated that the mentioned wards should, however, not be isolated from other wards. Perhaps allocate 10 – 20% of opportunities to other wards to ensure that the current wards being considered are also considered in projects which do not lie within the ward boundaries.</p>	<p>the local community not be able to provide in these specialised services.</p> <p>The Procurement Operating Plan (POP) will be made available to the community to ensure local community are able to pursue possible business opportunities during the project tender process.</p>
	<p><b>LED Opportunities</b></p>	<p><u>Local Small, Micro and Medium Enterprises (SMMEs)</u>            Requested local development initiatives (e.g. JV with e.g. WSP). Sub-contracting opportunities related to the project, should give preference to local SMMEs. JV opportunities, in terms of sub-contracting must also be considered.</p> <p>The LLC requested that the RLM be made aware of which sub-contractors are required to ensure the community can commence with the developing of such capacities prior to the tender process (beginning of construction). This action also to be implemented for future projects.</p> <p>The RLM suggested that service providers and suppliers to AAP such as WSP, to discuss potential sub-contracting opportunities for communities with AAP. Subsequently, it was</p>	<p>AAP responded that such opportunities, should any arise, will be made freely available to the local community to pursue. AAP will also explore methods of developing further skills within communities to aid in the development of future sustainable business opportunities. The POP is attached to the Meeting Minutes as <b>Appendix C</b>.</p>

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM’S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

Stakeholder	Issue	Description of Issue	Management Responses
		<p>suggested by the members of the LLC that AAP package ToR to be drawn up for suppliers and service providers to help facilitate local SMMEs and work together. The Terms of Reference (TOR) is to encourage skills transfer between contractors and local SMMEs.</p> <p>The LLC also commented that quality, in terms of providing these services, will not be compromised. The LLC would like to be given the opportunity to explore future business / employment opportunities.</p>	
	<p><b>Financial Compensation</b></p>	<p>The members of the LLC requested tangible compensation rather than compensation in terms of monetary value. The LLC expressed concern that the IDP is referred to which does not address their requests. They requested some sort of sustainable project / business to be funded by AAP to benefit the communities at large.</p> <p>The RLM Director added that the financial assistance from AAP should be in the form of a donation, due to AAP being a corporate entity. A sustainable catalytic project such as a Personal Protection Equipment Manufacturing Company or a bakery or even the supply of chemicals. This will ensure a sustainable business opportunity in the area as the area is mostly associated with mining and related activities.</p> <p>Once such projects have been identified, an engagement process should be initiated. It is suggested that other mining companies in the area form part of this initiative to ensure the sustainability of the projects are achieved. Implementation of the CSI responsibility to build schools, clinics, etc. The RLM replied that it is the responsibility of the RLM to build schools, clinics, etc.</p> <p>A question was raised to confirm whether the donation was to be provided from the project budget or from the mine (RPM). It was confirmed that this should be a mine-wide donation; however, this project provides a significant platform to ensure that possible investment in communities would not be lost. Smaller opportunities, as part of the current project, (e.g. sanitation management and assistance with public meetings) should be sourced from the local community as far as possibly.</p>	<p>This issue will be further investigated during the EIA Phase of this project.</p>
	<p><b>Additional requests</b></p>	<ol style="list-style-type: none"> <li>1. Request a document with agreements for LLC’s records;</li> <li>2. Request for the gravel road to be constructed over pipeline so community can collect wood in field;</li> <li>3. Security –issues and concerns with regards to previous projects (not related to this project) with building explosion operations near villages (specifically construction of a Refrigeration Plant). The concern was that the Public Participation Process was not properly conducted; and</li> <li>4. Emphasis was placed by the members on the need to keep minutes and records. Feedback of these meetings should also be provided.</li> </ol>	

# ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG

## CONCLUSION

AAP commits to providing the following to the Local Leadership Committee:

- Process of selecting labour –skilled labour; and
- POP – Procurement Operating Plan / List of sub-contractor opportunities.

The RLM committed to the following:

The development of an improved Labour Sourcing Model which can be replicated and utilised for future projects. This model should incorporate a Skills Development Programme.

**Appendix C – The Project Procurement Operating Plan**

*Contained as an attachment to the email*

# General Public Notification meeting minutes

# MEETING MINUTES

**Meeting Date:** 14/02/2013

**Time:** 16:00pm – 18:00pm

**Venue:** Tshukudu High School, Thekwane, North West Province, RSA.

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

**Facilitator:** Herbert Modupi (HM)

## **Project Team Attendees (Please note that the public attendees details are included in Appendix A)**

Danilla Breedt (DB)	WSP Environment and Energy: Senior Environmental Consultant
Ishmael Sekano (IS)	Anglo American Platinum, Rustenburg Community Engagement and Development
Jared O'Brien (JO)	WSP Environment and Energy: Assistant Environmental Consultant
Kim Allan (KA)	WSP Environment and Energy: Director
Libby Redding (LR)	Anglo American Platinum Social Advisor
Pierre Malan (PM)	Anglo American Platinum Senior Project Manager
Alex Kinmont (AK)	TWP Project Manager
Shawn Monotsi (SM)	RBA councilor
Danielle Michel (DM)	WSP: Social Impact Assessment specialist
Nishi Haripursad (NH)	Environmental Manager: Process

## Appendices

**Appendix A: Attendance Register**

**Appendix B: Public Meeting Presentation**

# MINUTES

	<b>Points of Discussion</b>
1.	<p><b><u>Welcome and Apologies</u></b></p> <p>The public meeting agenda was as follows:</p> <ul style="list-style-type: none"> <li>■ Opening &amp; Welcome - Shawn Monyatsi (South East Region cllr)</li> <li>■ Introduction - Pierre Malan (Senior Project Manager)</li> <li>■ Meeting Objectives &amp; Project Team Introduction- Herbert Modupi</li> <li>■ Detailed Project Presentation - Danilla Breedt (Environmental consultant)</li> <li>■ Facilitation of Discussion session - Herbert Modupi (Herbert Modupi)</li> <li>■ Meeting Close Out - Pierre Malan (Senior Project Manager)</li> </ul> <p>SM welcomed all present and thanked all for attending the meeting. SM indicated the reason for WSP and Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM) hosting the meeting. SM further explained that WSP are facilitating the environmental authorisation process for the proposed project on behalf of RPM. SM then introduced each of the project members by name and their role in the proposed project. SM handed over to PM for further introduction from the senior project manager.</p> <p>PM extended his gratitude to the public for attending the meeting. PM gave the attendees a brief overview of the activities associated with the proposed project. PM at this point handed over to HM whom indicated the objectives and the guidelines which should be noted in order to achieve a common goal and understanding for the meeting. HM discussed the following points:</p> <ul style="list-style-type: none"> <li>■ HM's role as the meeting Facilitator;</li> <li>■ The Public Participation Process (PPP) (as a legal requirement);</li> <li>■ Objectives of the PPP; and</li> <li>■ Purpose of the PPP.</li> </ul> <p>HM noted and emphasised that all questions, comments and suggestions be raised at the end of the presentation session to allow the meeting to flow smoothly.</p> <p>HM then invited DB to share information on the detailed project description (contained in the following section).</p>
2.	<p><b><u>Public Meeting Presentation</u></b></p> <p>DB indicated the proponent as RPM; WSP as the Independent Environmental Assessment Practitioner; and the NWDEDECT, the DMR and the DWA as the Competent Authorities.</p> <p>The meeting presentation consisted of the following items as detailed by DB:</p> <ul style="list-style-type: none"> <li>■ Background Information (approved EMPR, 2002);</li> <li>■ Location of the Project;</li> <li>■ Motivation for the Project;</li> <li>■ Description of the Project;</li> <li>■ Governance Framework followed;</li> <li>■ Project Process Flow (in terms of the environmental authorisation);</li> <li>■ Potential Impacts which may arise as a result of the project;</li> <li>■ Specialist Studies to be undertaken;</li> <li>■ Possible Benefits associated with the Project; and</li> <li>■ A Discussion/ Comment Session in which stakeholders raised questions specifically aimed at the proposed project.</li> </ul> <p>DB requested that PM describe the project layout map to ensure a detailed explanation from an engineer.</p> <p>Please refer to <b>Appendix B</b> for a copy of the presentation.</p>
3.	<p><b><u>Issues Raised</u></b></p> <p>HM invited the stakeholders or meeting participants to make contributions or ask any questions and raise any concerns. HM indicated by the use of the environmental authorisation process flow chart, the activities which have been undertaken and the activities that will be undertaken during the course of the project (including public participation aspects). The following questions and comments were raised and the subsequent responses issued by the project team:</p> <ul style="list-style-type: none"> <li>■ <b>Q:</b> What methods were used to notify the public of the public meeting?  <b>A:</b> HM responded indicating that faxes, emails, site notices, newspaper adverts, local leadership meetings, and an announcement by the ward councillors (at a local funeral in Thekwane and at a church service in the community) were used to notify the public. However, the team cannot guarantee the public turn-out on the day of the meeting. HM requested a local leader, who attended the local leadership meetings to indicate what process had been followed by the councillors and any other community leader to convey the notification of the public meeting to the local communities. Furthermore, HM indicated that all the questions raised by the public will be included in the Scoping Report which in turn will be reviewed by the authorities, proponent and consulting team feeding to the authorities or regulators, who will make an informed decision regarding the future of the project. LR indicated that WSP can be contacted at any stage with any issues or concerns during the process regarding the project and the details provided in the presentation. In addition LR noted that there would be another public meeting during the EIA phase (date to be confirmed).</li> <li>■ <b>Q:</b> A community member indicated that not all members of the community have cell phones therefore, many of them were not informed via sms. He further indicated that the point he raises was not a complaint, merely an observation.  <b>A:</b> Various methods of communication were used to inform the surrounding communities. A newspaper advert was placed in both a national and a local/regional newspaper, site notices were erected in and around the proposed project area and faxes/emails were also distributed to a stakeholder database which included authorities, organisations, the public and the local leaders whom were consulted as part of the project.</li> </ul>

## Points of Discussion

- **Q:** A community member indicated that better feedback in terms of the entire communities issues can be obtained from the local trustees of Photsaneng and Mfidikwe. That consultation through structures such as the Fike Trust will provide a more meaningful participation for communities such as those from Photsaneng Village since they have office bearers that are more knowledgeable and informed about such processes.  
**A:** Comment noted.
  - **Q:** A member of the meeting asked whether WSP was in possession the Photsaneng and Mfidikwe trust (Fike Trust) contact details. The member stated that no one present at the meeting had the mandate to comment on the Hoedspruit farm (on which the Hoedspruit Tailings storage facility is situated). He further indicated that the Fike Trust should be consulted as they are the owners of the Farm.  
**A:** JO responded saying WSP may have the details however the details will be obtained after the meeting to make sure they are informed about future meetings. The comment has been noted (Anglo have notified the Fike trust of the increased height of the Hoedspruit TSF).
  - **Q:** A community member expressed that the general public in the area often cannot comprehend the detail of the project therefore cannot make informed decisions.  
**A:** The stakeholders making comments and inputs are doing so to inform the decision maker of the issues to be considered in decision making. Therefore, the DMR will be notified of the issues raised by the community and subsequently make an informed decision on the project.
  - **Q:** A community member said that he is concerned that the DMR is not represented at this meeting, despite their previous calls for the department to be attend so that they can explain process and legislation followed building up to decision making?  
**A:** IS detailed the role of the DMR. IS said that the DMR do not get involved at this level however the Department was notified of the public meeting time/date/venue. The issues and questions raised by local leadership and community members are considered by the DMR in the Scoping Report and the EIA report which is then reviewed by the Department. The DMR or other departments then respond in the form of a Record of Decision/ Environmental Authorisation. The proponent is also required to detail how any impacts associated with the project will be mitigated.
  - **Q:** A community member is concerned that the community is not being well represented in the process.  
**A:** HM indicated that the issue will be included in the Issues Trail and submitted to the Department. HM further indicated that the current meeting is one of many meetings which have been held to date for the project. There will be an additional public meeting in the next phase of the project in which the public can raise any additional issues/ questions, however comment is noted and that the proponent and the consultants do not have control on who and how many people attend to qualify a meeting as a community meeting. Public Meetings require that you use as many mechanisms as possible to ensure effort to reasonable publication for invite and not guarantees for attendance..
- PM raised a general point on the project design process which is relevant to the possible impacts which may result from the project. PM indicated that the pre-feasibility phase of the project was completed in terms of 10 different disciplines and is thus a comprehensive process which looks at all the aspects of the project including the potential impacts on the environment. Following the pre-feasibility phase is the feasibility phase which goes into further detail on the project including the identification of mitigation measures.
- **Q:** The RBA representative said that he believes that the public attended the meeting in order to get notified of the potential impacts which may affect them. He requested that WSP elaborate on the impacts which may occur as a result of this project.  
**A:** HM requested that the community submit a list, to WSP, of all the questions, comments and suggestions which they would like to raise. WSP indicated that the community can submit comments for the scoping phase until Friday 22 February 2013. However, comments for the EIA phase can be submitted until July 2013.
  - **Q:** A local leadership member indicated his concern with the lack of community representation in the work force/ contractors used by RPM. He further indicated that local enterprises needs are to be considered when appointing consultants. He further elaborated that WSP should appoint a member of the community to form part of the WSP team. He concluded that many of the issues between the community and RPM could have been avoided if the community was considered first.  
**A:** HM responded that the comment/suggestion is noted and will be included in the issues trail and submitted to the Department. The issue was raised in the local leadership meeting and the response meeting which was held last month. The issues trail from the meetings will also be provided to the Department for review. Certain agreements were recorded between the locals and the proponent.
  - **Q:** A local leadership member said that he has an issue with the manner in which RPM operate. How will the re-mining project benefit the community? He further highlighted the hardships faced by the communities as a result of the RPM strikes and other environmentally related impacts.  
**A:** RPM benefit the GDP of the country however there are not major benefits for the community other than the maintenance of the current jobs. The issue will be noted and recorded in the issues trail.
  - **Q:** A local community member suggested that WSP host a meeting per community due to the unique nature of the needs of each community.  
**A:** The comment is noted and will be recorded in the issues trail.
  - **Q:** WSP must run a transparent process by including the community members in the specialist studies.  
**A:** The comment is noted and will be recorded in the issues trail.
  - **Q:** A local leadership member indicated that the small number of jobs which may be created by the project is a concern, due to the fact that these jobs are for a short term, and that the real issue is the lack of big meaningful opportunities for the communities such as equity ownership.  
**A:** The comment is noted and will be recorded in the issues trail.
  - **Q:** A local leadership member said that he believes that there are white people are benefiting from the mining related opportunities which seems to be ring-fenced for them thereby excluding black people or businesses, including the issue of community equity ownership. As with this proposed amendment project.  
**A:** The comment is noted and will be recorded in the issues trail.
  - **Q:** A local community member indicated that the community members are poor and therefore could not attend the meeting due to the lack of transport provision from RPM. WSP/RPM should have provided transport for the community.  
**A:** The comment is noted and will be recorded in the issues trail.
  - **Q:** Were the people from Bokomoso invited to the meeting?  
**A:** Yes
  - **Q:** A local community member requested the hosting of a mining indaba by RPM in order to make the community aware of the possible opportunities associated with the mining operations in the area. He further added that he is not against the project but would like to know how the project/ operations will benefit the community.  
**A:** The comment is noted and will be recorded in the issues trail.



	<b>Points of Discussion</b>
	<ul style="list-style-type: none"> <li>■ <b>Q:</b> A community member indicated that the community doesn't understand the decision making process which takes place after notifying the public. <b>A:</b> The meeting presentation did include a detailed process flowchart of the authorisation process. The comment is noted and will be recorded in the issues trail.</li> <li>■ <b>Q:</b> A local community member indicated that she is happy to hear the issues of the communities voiced. The project team must do the best they can in order to satisfy or meet the needs of the communities. <b>A:</b> Comment noted.</li> </ul>
4.	<b>Meeting Close out</b>
	PM indicated that many issues have been raised and will be noted and submitted to the Department. He further emphasised that the project and the communities need to work together in the future in order for the project to mutually benefit both parties. PM thanked all for attending and emphasised that there will definitely be future opportunities for the public to raise issues or questions.

# Final Distribution




**Project team**






# Appendices





## Appendix A: Attendance Register

# PUBLIC MEETING 14 FEBRUARY 2013




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

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
Reo Kereke Tilapane	RBA	Env DEP	Tel: 045667280 Fax: 0 Email: reo@wepked botwicons.co	
M Molotsane			Tel: Fax: Email: 0784194890 moses	
J.G NARE	MADIBANA COMMUNITY MEMBER	—	Tel: Fax: Email: 073 1988634	
h.k PHOLOSE	MADIBANA EX CO/THOXANA COMMUNITY	EX CO MEMBER	Tel: Fax: Email: 0791541292	

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
FORTYITE			Tel: 076 6790837 Fax: Email: baloyifortune886@gmail.com	
CUFTON			Tel: 0781477993 Fax: Email:	
MODISE			Tel: Fax: Email: 073 717 1268	
COLLEW	THE KINGS WA		Tel: Fax: Email: 071628959	
Monty P. Hume	The Keswen		Tel: 0835174915 Fax: p. Email: p.m.hume@gmail.com	

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
MOTSONADI BATHUMI	PHOTSA MENS		Tel: 0731594088 Fax: Email:	
MARIA MORAPEDI	PHOTSA MENS		Tel: 0722657469 Fax: Email:	
NONG LETHEGONOLO	PHOTSA MENS		Tel: 0735769160 Fax: Email: keivra31@ovi.com	
GODFREY NAPE	THELWANE		Tel: 078 9067911 Fax: Email:	
HANIEL Sound man	PHOTSA MENS		Tel: 078 5640 767 Fax: Email:	








Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
MORAPEDI REBONE			Tel: 0731785342 Fax: Email:	
THABISO MADUBIEKO	MHLIKHWE		Tel: 0723779016 Fax: Email:	
MOTIHANKÉ TUPAI	THEKWANA		Tel: 082 9527579 Fax: Email: tsegobuilding@webmail.co.za	
			Tel: Fax: Email:	
			Tel: Fax: Email:	



## PUBLIC MEETING 14 FEBRUARY 2013




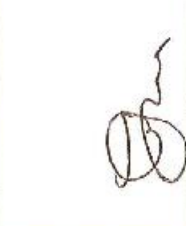
THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM WATERVAL TAILINGS STORAGE FACILITIES PROJECT  
ATTENDANCE REGISTER

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
MacAPI Nkshole	Ward 34 Councilor	Councilor	Tel: 072 511 9697 Fax: Email: nksholem@gmail.com	
Seluy Potshwane	WARD 33		Tel: 073 281 2388 Fax: Email: Seluy.Potshwane@gmail.com	
Muamokete Hlalele			Tel: 071 324 2151 Fax: N/A Email: Dabrahlahlele@gmail.com	
Hashley Setshedi	Middlewe Community	Monnagotla	Tel: 082 978 7771 Fax: Email: hashley@webmail.co.za	




Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
Tepo Selsbeel	Municipality of Beaufort West		Tel: 073 6010 1588 Fax: Email: selsbeel.tepo@yahoo.com	
			Tel: Fax: Email:	
			Tel: Fax: Email:	
			Tel: Fax: Email:	
			Tel: Fax: Email:	


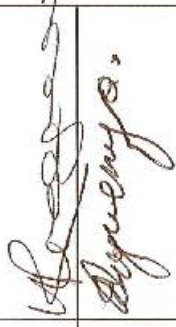



# PUBLIC MEETING 14 FEBRUARY 2013






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

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
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TUMUENS HUMA	RBA	LAND AFFAIRS	Tel: 014 566 1208 Fax: Email: Tumuley.Huma@ebefoteng.com	




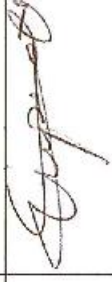



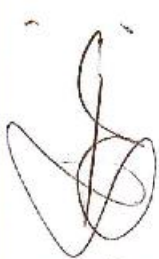



Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
Nishi Hainpuroad	AP	EM: P.	Tel: 0834638919 Fax: Email:	
Libby Redding	AAP	Social	Tel: 0113736744 Fax: Email: libby.redding@aryloamerican.com	
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J. M SHAATA	LADY SEGONE CONSTRUCT.		Tel: 0737912031 Fax: Email:	
Phapiman Mphahle	Community Leader		Tel: 0731228254 Fax: Email:	P.A. Mphahle

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Victor	-	-	Tel: 082 268 7596 Fax: Email:	
Bogosi SETSMEZI Committee	WARD		Tel: 082 876 3555 Fax: Email: Setskeedi bogosi@gmail.com	
Herbert Modupi	Yamecupi dol		Tel: Fax: Email: herbertm@yamecupi.co.za	

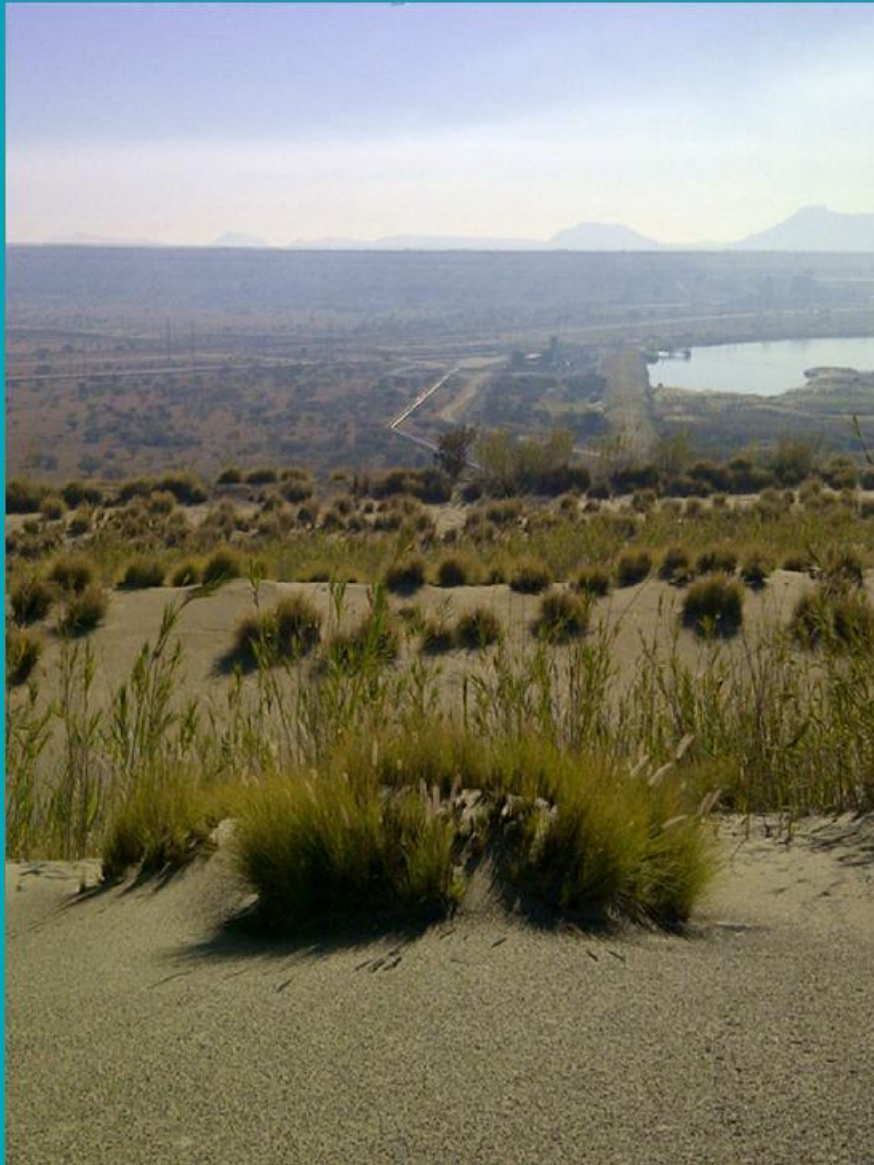
Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
Chakana			Tel: 0788235896 Fax: Email:	
DARLEN CHAKANA	Inkcuwana		Tel: 0762681649 Fax: Email: Gabriel.Chakana@gmail.com	
Gabriel Ndlovane Phosane	PHOSANE	Mining Portfolio Lease Conditional Authority	Tel: 073 210 7368 Fax: Email: h.tedise@webmail.co.za	
Tebogo Mopedi Phosane	Phosane		Tel: 078 3435 713 Fax: Email:	
Phosane	Medihouse		Tel: 084 750 7696 Fax: Email:	



Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
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Creston			Tel: 073 6944 154 Fax: Email:	
Ting			Tel: 078 4299 534 Fax: Email:	

Name	Company	Designation	Contact details (Tel/Fax/Email)	Signature
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Mogomotsi Moleze	RLM Ward Councilor Ward 33	Ward Councilor	Tel: 078 134 8050 Fax: Email: mogomotsi.moleze@yahoo.com	
Jared O'Brien	WSP	Contractor	Tel: 011 3611391 Fax: Email: Jared.O'Brien@wspgroup.co.za	
			Tel: Fax: Email:	

## Appendix B: Public Meeting Presentation



# PUBLIC MEETING

## Purpose & Objective

THE PROPOSED RE-PROCESSING OF THE ANGLO AMERICAN PLATINUM, WATERVAL TAILINGS STORAGE FACILITIES (TSFs) LOCATED IN RUSTENBURG, NORTH WEST PROVINCE

**Venue:** The Tshukudu High School  
**Date:** 14 February 2013  
**Time:** 16h00 – 17h30

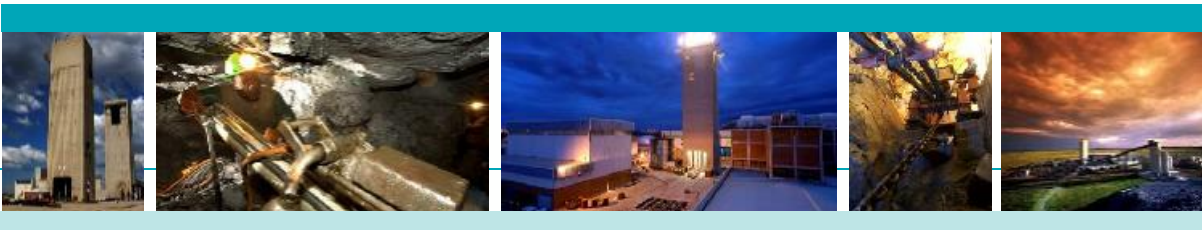
UNITED  
BY OUR  
DIFFERENCE



# Our Role as Facilitators



- Enable the group to work more effectively;
- Enable groups to collaborate and achieve synergy;
- Not to advocate a point of view;
- Help the group to think together not against each other; and
- Advocate for fair, open and inclusive procedures to accomplish the groups objectives.



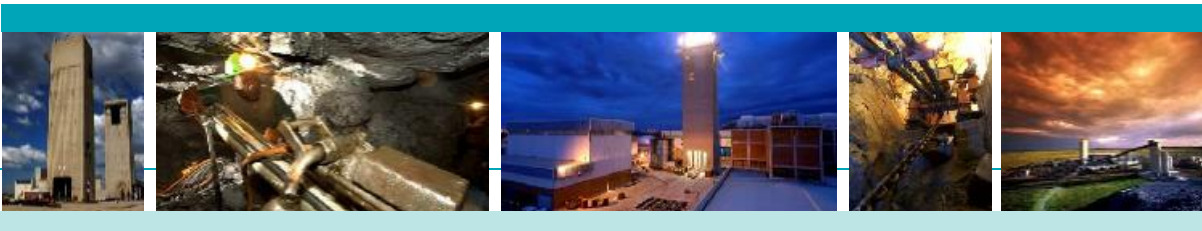


# Overview



The following presentation will briefly provide an explanation on:

- The Public Participation Process;
- The Objectives of the Public Participation Process;
- The Purpose of the Public Participation Process;
- Motivation for the proposed project; and
- Benefits should the project be authorised / approved.



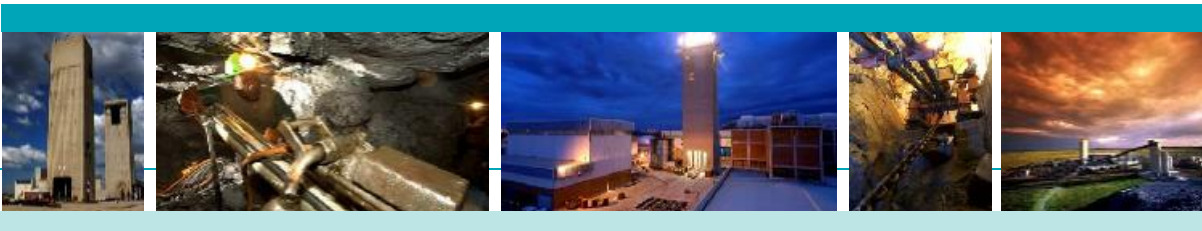


# Public Participation Process (PPP)



Public Participation is a legal requirement, and is the process by which the views and concerns of Interested and Affected Parties (I&APs) are identified and incorporated into the decision-making process. This process includes:

- Identifying concerns and issues; and
- Providing information and opportunities for I&APs to assist in identifying environmental related issues and concerns.



# Objectives



The objectives of the Public Participation Process include:

- Suggest alternatives which can be considered during project planning/ feasibility phase;
- To provide background information on the existing Klipfontein and WLTR plant project which was approved in 2002;
- To provide information / project detail on the proposed amendments to the existing project which will require approval;
- To provide an opportunity for the public to raise any concerns and / or issues;
- Please note that non-project related issues will be addressed separately as part of the Community Engagement Forum.

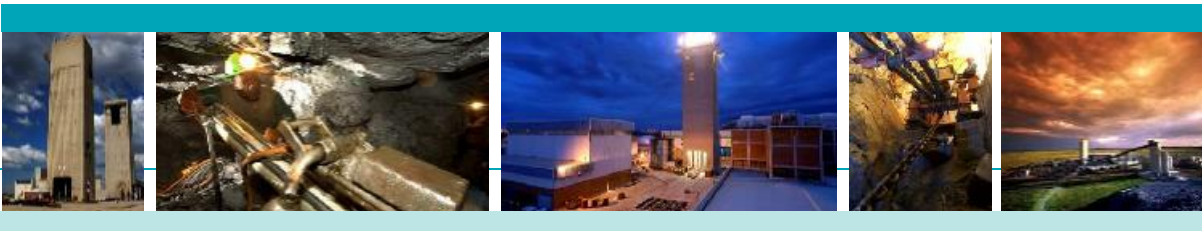


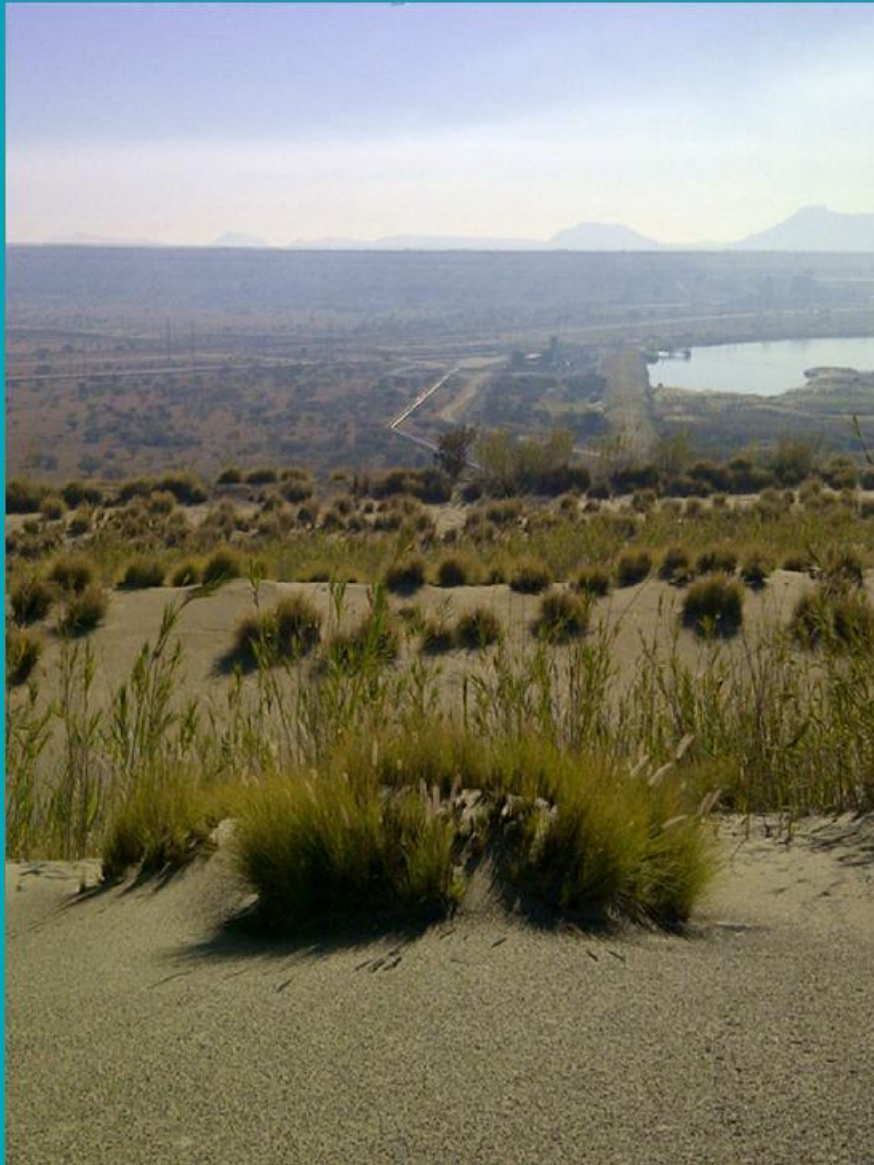
# Purpose



The purpose of the Public Participation Process is to:

- Evaluate project alternatives;
- Listening to the public's concerns;
- Incorporating the public's concerns and input into decision making; and
- Providing feedback on how decisions do or do not reflect input received.





# PUBLIC MEETING SCOPING PHASE

THE PROPOSED RE-  
PROCESSING OF THE  
ANGLO AMERICAN  
PLATINUM, WATERVAL  
TAILINGS STORAGE  
FACILITIES (TSFs) LOCATED  
IN RUSTENBURG, NORTH  
WEST PROVINCE

**Venue:** The Tshukudu High School  
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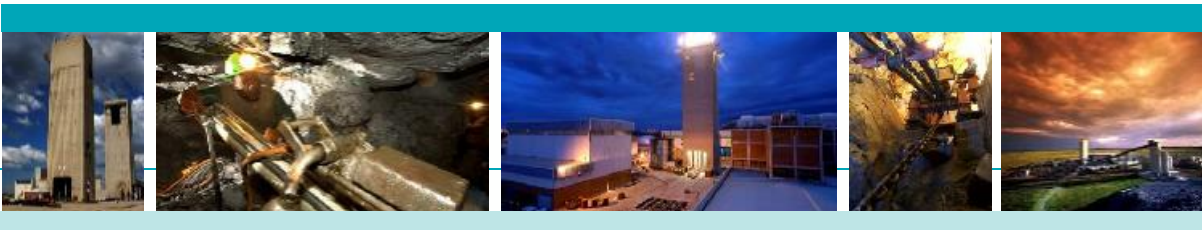
UNITED  
BY OUR  
DIFFERENCE



# Welcome and Introductions



- Proponent
  - Anglo American Platinum Limited: Rustenburg Platinum Mines Limited (RPM)
  
- Independent Environmental Assessment Practitioner
  - WSP Environmental (Pty) Ltd (WSP)
  
- Competent Authorities
  - Department of Mineral Resources (DMR)
  - North West Department of Economic Development, Environment, Conservation and Tourism (NWDEDECT)
  - Department of Water Affairs (DWA)





# Presentation Overview



- Background Information (Approved EMPR, 2002)
- Location of Project
- Motivation for Project
- Description of Project
- Governance Framework
- Project Process Flow
- Potential Impacts
- Specialist Studies
- Benefits of Project
- Discussion/ Comment Session

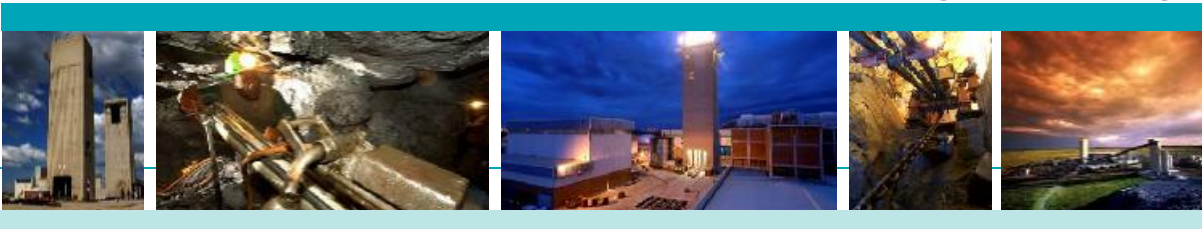




# Background Information (Approved EMPR, 2002)

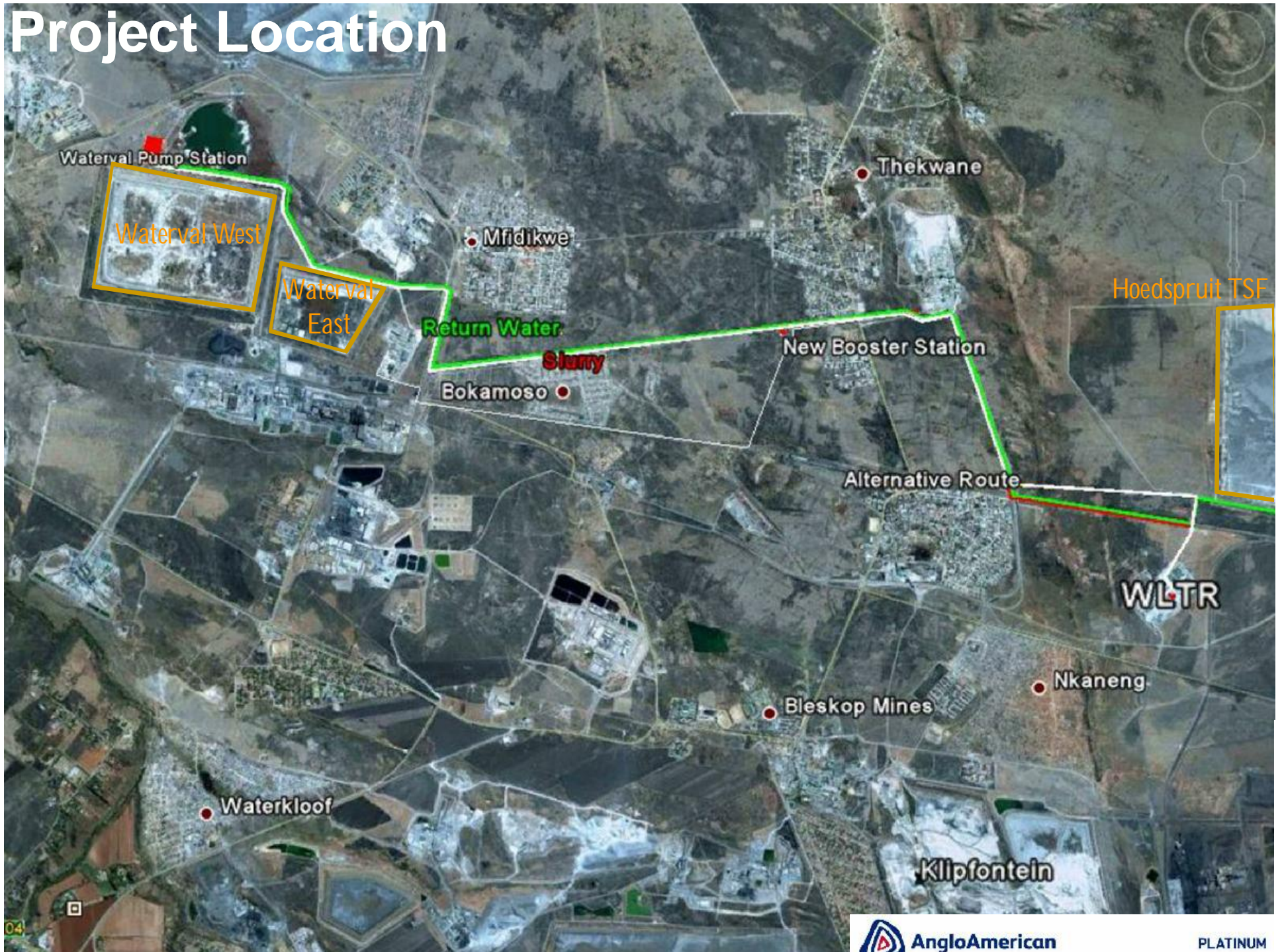


- **Background:**
- Tailings from RPM operations stored at the
  - Klipfontein Tailings Storage Facility (TSF)
  - Waterval TSFs – East and West
- Facilities dormant since mid-1990s, still contain concentrations of Platinum Group Metals and Base Minerals - not previously extractable
- Improved technologies make the extraction of remaining metals/minerals viable
- **2002 – EMPR Amendment:** Approved further processing of mined material contained in the tailings (reclamation of TSFs):
  - Recovery of material from Klipfontein TSF & Waterval TSFs (hydraulic sluicing)
  - Transfer of slurry to processing facility (pipeline)
  - Processing facility - Western Limb Tailings Retreatment Facility (WLTR)
  - “Mega” TSF – Hoedspruit TSF
  - Associated infrastructure
- All approved in 2002 Environmental Management Programme (EMPR) amendment





# Project Location





# Motivation for Project



The Waterval TSF project is required in order to extend the operation of the WLTR Plant for the following key reasons:

- Klipfontein TSF is nearing depletion and will be completely depleted by 2015.
- 88 million tons of recoverable resource is available as West and East TSFs.
- Should the tailings not be reclaimed and reprocessed, this resource will otherwise remain unutilised.
- Should the tailings not be reclaimed and re-processed the TSFs will be dealt with as a risk / liability in terms of current rehabilitation and mine closure requirements.
- The continuation of reclamation and reprocessing of tailings at Rustenburg Platinum Mines (RPM) will ensure the continuation of employment for those currently working on the Klipfontein reclamation and re-processing project.
- A small number of new employment opportunities are envisaged.



# Description of Project



## New activities / infrastructure as part of this project:

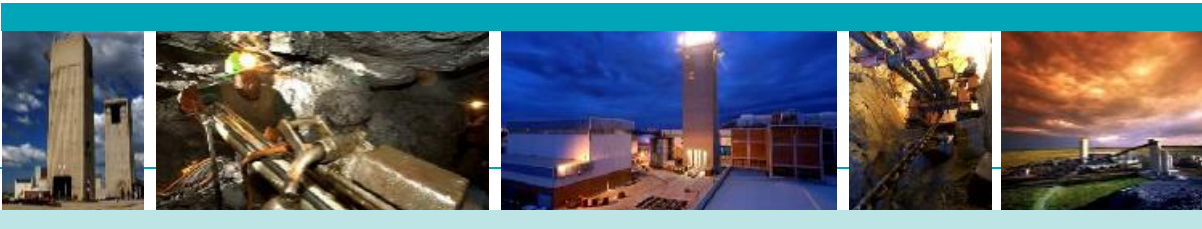
- Reclamation of tailings – hydraulic sluicing (high pressure water guns)
- Collection of slurry at new Pre-treatment Plant, situated at the Waterval TSFs, which includes pump station, screening, storage, thickening and surge tank
- Proposed Pollution Control Dam north of Waterval West TSF
- Overland 12 km slurry pipeline from Waterval Pre-treatment Plant to WLTR Plant
- Overland return water pipeline from Hoedspruit TSF (RWD) to Waterval Pre-treatment Plant

### **Both pipelines to follow existing 'compressed airline' corridor**

- Booster Station along the pipeline (Siphumelele Shaft 1)
- Addition of four IsaMills™ within Mainstream Inert Grinding (MIG) applications within the WLTR Plant (improved recovery)
- Final tailings deposition on existing Hoedspruit TSF, possible increase to a final height of 66 m
- Associated infrastructure
  - Administration and ablution facilities, access road, construction laydown areas
  - Potable- and process water management infrastructure, as well as ablution facilities
  - New, upgrade and/ or relocation of power lines



# Existing WLTR Plant





# Compressed Air Pipeline Section



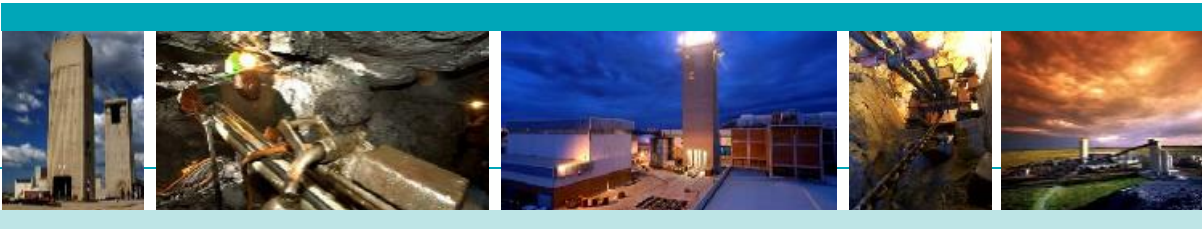
PLATINUM

# Pre-treatment Plant Location

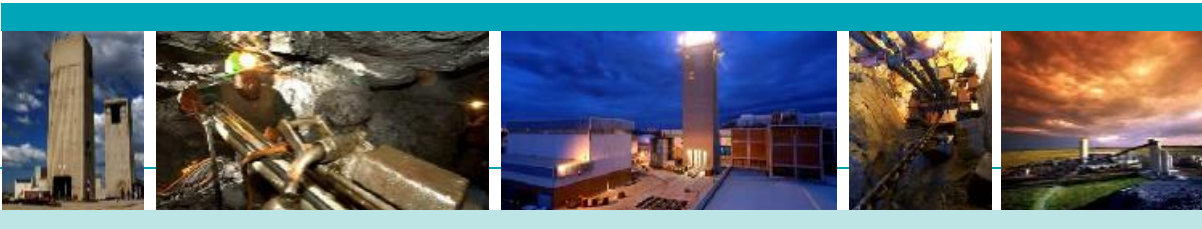




# Booster Station Location



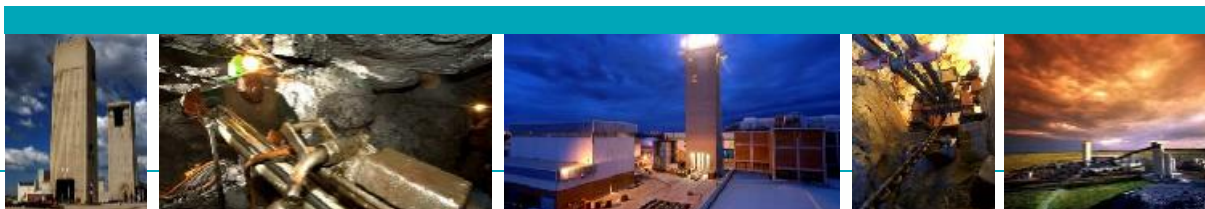
# Existing Hoedspruit Pump Station



# Governance Framework

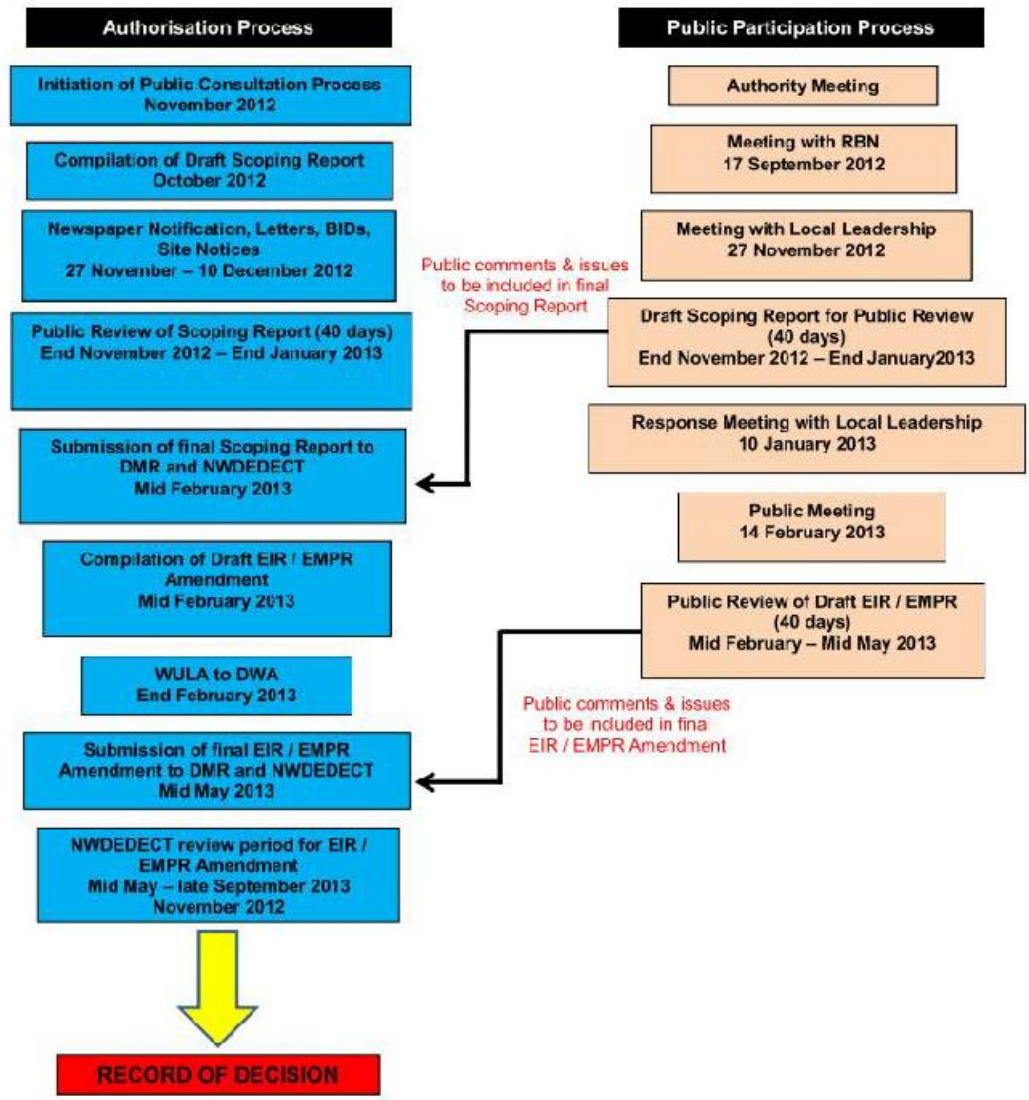


- Reprocessing of Klipfontein commenced 2003. Reprocessing of Waterval TSFs has not yet commenced.
- As result of changes to design and layout, an amendment of the approved EMPR, 2002 is required in terms of the Minerals and Petroleum Resources Development Act (MPRDA) - DMR
- Additionally, these changes also triggers activities as listed in terms of the National Environmental Management Act (NEMA) - NWDEDECT
- Water use activities forming part of the project changes (such as river crossings and storage of water) requires Section 21 licensing in terms of the National Water Act (NWA) - DWA
- Thus, the following is required:
  - EMPR amendment process in terms of MPRDA (to be integrated into NEMA EIA and PP Process)
  - Scoping and EIA process, including PPP in terms of NEMA
  - Water Use Licence Application (WULA) process in terms of the NWA





# Project Process Flow (Authorisation , Public Participation & Technical/ Construction)



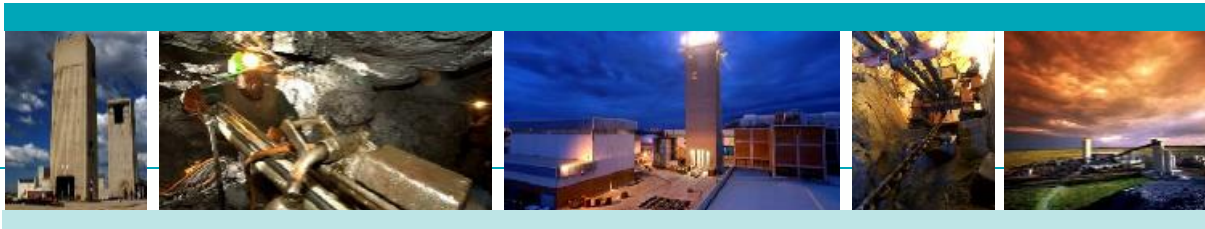
(Refer to hand-out)

# Project Process Flow



## Technical Inputs / Project Activities

Project Activities	Start Date	Completion Date	2012	2013	2014	2015	2016	2017
<b>Phase 1: Re-mining</b>								
Feasibility Study (FEL3)	Feb 2012	Jan 2013	██████████					
Project Review & Approval	Feb 2013	Aug 2013		██████				
Engineering	Jul 2013	Mar 2014		██████████				
Procurement	Aug 2013	Mar 2014		██████████				
Construction	Jan 2014	Dec 2014			██████████			
Cold Commissioning (C3)	Jan 2015	Mar 2015				██████		
Hot Commissioning (C5)	Apr 2015	Jun 2015				██████		
Ramp up (C6)	Jul 2015	Jul 2016					██████████	
Review & Fin Close-out	Jan 2016	Dec 2016					██████████	



# Identification of Potential Impacts

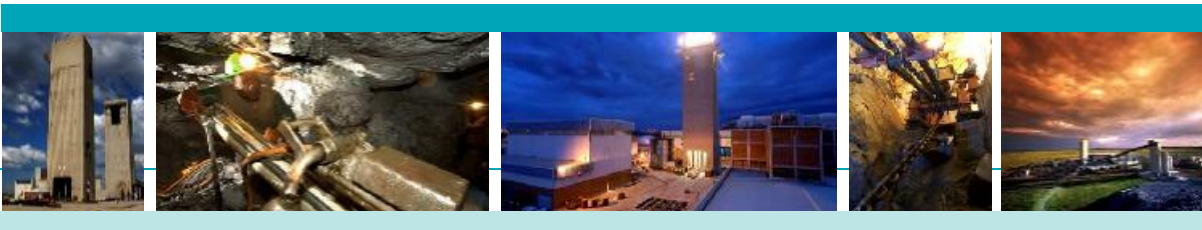
Environmental Aspect	Potential Impact
Soils, Land Use and Land Capability	Loss of grazing capacity along pipeline route.
	Pipeline leaks during operation.
Biodiversity	Disturbance and displacement of fauna / avifaunal species.
	Faunal interaction with structures, servitudes and personnel.
	Impact on surrounding habitat and species. Loss of species diversity.
Surface and Groundwater	Surface water pollution due to spills of fuels / chemicals during construction and operation.
	Removal of vegetation on the TSFs prior to re-processing may increase surface water runoff. May also cause some of the tailings material to enter the surface water and lead to sedimentation of the Klipgat Return Water Dam.
Air Quality	Dust related impacts from the Waterval TSF during construction phase due to removal of vegetation prior to re-processing.
	Dust from the existing Hoedspruit TSF during operation, where the tailings from the WLTR Plant are deposited.



# Identification of Potential Impacts



Environmental Aspect	Potential Impact
Traffic	Increase in traffic due to construction vehicles using the existing road networks to access the proposed site and pipeline route.
	Increase in the number of vehicles on the existing networks during operation.
Socio-economic/ cultural/ heritage	Potential Impact
Visual	Visual impact associated with possible increase in approved height of existing Hoedspruit TSF.
Noise	Noise impact during construction of the pipeline, Pre-treatment Plant, PCD and Booster Station.
	Noise from Isa Mills.
Safety	Safety of employees at the reclamation site.
	Safety of employees and public along pipeline route during construction.
Culture and Heritage	Impacts on previously unknown heritage/ cultural / archaeological resources that may be un-earthed during construction.



# Identification of Potential Impacts



Socio-economic/ cultural/ heritage ( <i>continue</i> )	Potential Impact
<b>Socio-Economic</b>	Job creation and continuation of operation (and employment) at the WLTR operation (positive impact).
	Expansion of local skills, Local procurement opportunities (positive impact).
	Economic development (positive impact).
	Impact on grazing activities.
	Security / safety risk to the public.
	Noise, dust & light intrusion.
	Increased potential for fires.
	Influx of people resulting in increase in informal settlements and additional pressure on existing facilities and resources. Restriction of access to facilities and resources such as grave yard, grazing land, places of work etc.

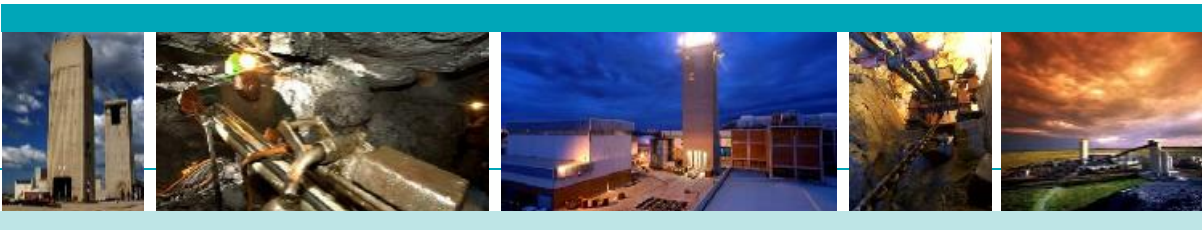




# Specialist Studies



- Assessments within the EIA Phase by the EAP, and Specialist Studies include:
  - Aquatic Ecology Assessment
  - Traffic Impact Assessment
  - Air Quality Impact Assessment
  - Social Impact Assessment
  - Water Balance and Water Quality Assessment
  - Closure Liability Assessment



# Benefits of Project



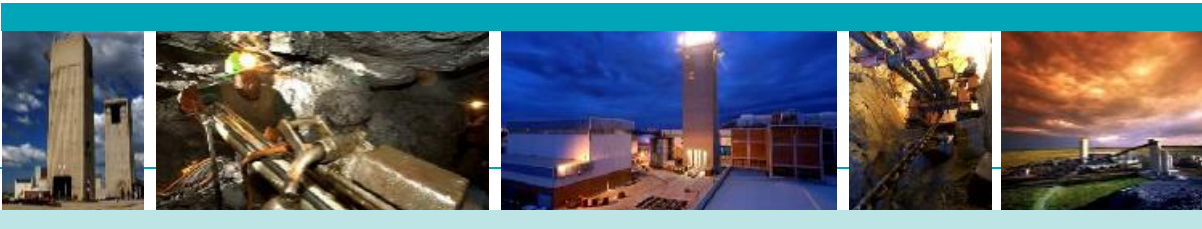
Continuation of the existing activity (reclamation of tailings from Tailings Storage Facilities), would ultimately extend the duration of the re-mining project with an additional 15 years, should the project be approved.

Positive outcomes include, but are not limited to:

- Security in terms of existing employment (sustainability);
- Construction employment opportunities (for individuals as well as small businesses);
- Local Economic Development opportunities;
- Opportunities for skills development;
- Contribution to economy; and
- Re-mining of the facilities will ultimately assist in rehabilitation since re-mining of the TSFs will, in essence, remove these facilities.



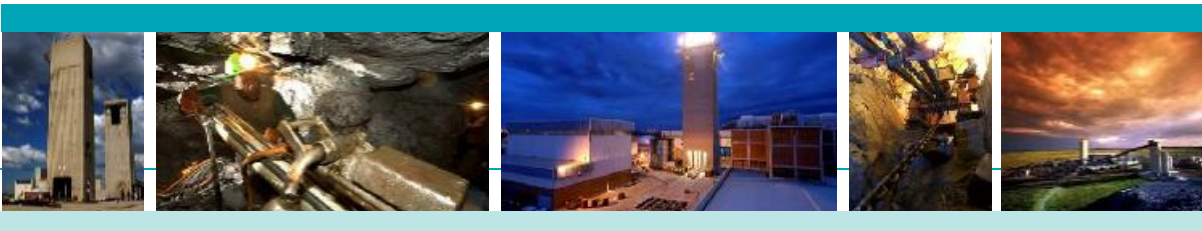
# Discussion / comment session



# Our Role as Facilitators



- Enable the group to work more effectively;
- Enable groups to collaborate and achieve synergy;
- Not to advocate a point of view;
- Help the group to think together not against each other
- Advocate for fair, open and inclusive procedures to accomplish the groups objectives.



# Guidelines for Productive Discussions



- Focus on issue, not individuals;
- Courtesy;
- One person at a time;
- Work through facilitator;
- Agree to disagree.





Further queries please contact  
**WSP Environment and Energy**

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Project Manager	Consultant
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Fax: 011 361 1301	Fax: 086 240 0693
Danilla.breedt@wspgroup.co.za	Jared.obrien@wspgroup.co.za

## 4.7 Draft Scoping Report Public Review



**the DEDECT**

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

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Rustenburg, 0300  
Republic of South Africa

**CHIEF DIRECTORATE: ENVIRONMENTAL SERVICES**  
**DIRECTORATE: ENVIRONMENTAL QUALITY AND**  
**PROTECTION**

Tel No.: (014) 597 3597  
Fax No.: (014) 592 3553  
Email.:rsello@nwpg.gov.za

**REFERENCE NO.: NWP/EIA/73/2012**

**Attention: Mr. Jared O' Brien**  
**WSP Environmental and Energy South Africa**  
P O Box 5385  
**RIVONIA**  
2128

Tel No.: (011) 361 1396  
Fax No.: 086 505 3939

**Dear Sir**

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE RE-PROCESSING OF THE WATERVAL WEST AND EAST TAILINGS STORAGE FACILITIES, RUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE**

We confirm having received the above mentioned **Draft Scoping Report** on **05 December 2012**.

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

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. Rose Molemane** at (014) 597 3597.

Yours Faithfully,

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

Date: 06/12/2012

Our ref: 28006  
Your ref: NWP/EIA/73/2012



27 November 2012

WLTR Plant Representative  
WLTR Plant  
25° 41' 24.16"S 27° 23' 47.53"E  
Rustenburg

To whom it may concern,

This letter serves to acknowledge that P. S. S. Swirapadi (name in print) has received one hard copy of the Draft Scoping Report, 10 BID's and a site notice for the Rustenburg Platinum Mines: Re-processing of the Waterval Tailings Storage Facilities Project on the 28/11/12 (date).

Kind Regards,

**Jared O'Brien**  
**Consultant**

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

**WSP Environmental**  
WSP House, Bryanston Place Office  
Park  
199 Bryanston Drive  
Bryanston  
Johannesburg  
2157  
Tel: +27(0) 11 201 1363  
Fax: +27(0) 11 361 1381  
<http://www.wspgroup.co.za>  
Reg No: 1995/06790/07

WSP Group plc  
Offices worldwide

Our ref: 28006  
Your ref: NWP/EIA/73/2012



27 November 2012

*Waterval UG2*  
~~Fraser Alexander Representative~~  
~~Fraser Alexander Waterval Office (or UG2 Concentrator)~~  
S 25° 40.433' E 27° 18.867'  
Rustenburg

To whom it may concern,

This letter serves to acknowledge that *PS Bone* (name in print) has received one hard copy of the Draft Scoping Report, 10 BID's and a site notice for the Rustenburg Platinum Mines: Re-processing of the Waterval Tailings Storage Facilities Project on the *28/11/2012* (date).

Kind Regards,

**Jared O'Brien**  
**Consultant**

Tel: 011 361 1396

Fax: 086 505 3939

Email: Jared.O'Brien@wspgroup.co.za

**WSP Environmental**  
WSP House, Bryanston Place Office  
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Reg. No: 1995/08790/D7

WSP Group plc  
Offices worldwide



Our ref: 28006  
Your ref: NWP/EIA/73/2012



27 November 2012

Mfidike Primary School Representative;  
Mfidike Primary School Reception;  
25° 39' 48.24"S 27° 20' 31.75"E;  
Rustenburg.

To whom it may concern,

This letter serves to acknowledge that MASEKUPU MOKWAKWA (name in print) has received one hard copy of the Draft Scoping Report, 20 BID's and a site notice for the Rustenburg Platinum Mines: Re-processing of the Waterval Tailings Storage Facilities Project on the 28/11/2012 (date).

Kind Regards,

**Jared O'Brien**  
**Consultant**

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

**WSP Environmental**  
WSP House, Bryanston Place Office  
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Reg. No: 1995/08790/07

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Offices worldwide

Our ref: 28006  
Your ref: NWP/EIA/73/2012



27 November 2012

Thekwane Thlage Primary School Representative;  
Thekwane Thlage Primary School Reception;  
25° 39' 29.15"S 27° 22' 00.81"E;  
Rustenburg.

To whom it may concern,

This letter serves to acknowledge that Omphemetse (name in print) has received one hard copy of the Draft Scoping Report, 20 BID's and a site notice for the Rustenburg Platinum Mines: Re-processing of the Waterval Tailings Storage Facilities Project on the 28-11-2012 (date).

Kind Regards,

**Jared O'Brien**  
**Consultant**

Tel: 011 361 1396

Fax: 086 505 3939

Email: Jared.O'Brien@wspgroup.co.za

**WSP Environmental**

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Park

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Reg. No: 1995/08790/07

WSP Group plc  
Offices worldwide

Our ref: 28006  
Your ref: NWP/EIA/73/2012



27 November 2012

Tlhabane Library Representative;  
Tlhabane Library Reception;  
Cnr Monareng & Motsatse Street;  
Rustenburg.

To whom it may concern,

This letter serves to acknowledge that Dinesha Bantwane (name in print) has received one hard copy of the Draft Scoping Report, 20 BID's and a site notice for the Rustenburg Platinum Mines: Re-processing of the Waterval Tailings Storage Facilities Project on the 04/12/2012 (date).

Kind Regards,

**Jared O'Brien**  
**Consultant**

Tel: 011 361 1396

Fax: 086 505 3939

Email: Jared.O'Brien@wspgroup.co.za

**WSP Environmental**  
WSP House, Bryanston Place Office  
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WSP Group plc  
Offices worldwide

Our ref: 28006  
Your ref: NWP/EIA/73/2012



27 November 2012

Rustenburg Local Municipality Representative  
Rustenburg Local Municipality Offices  
25° 40' 21.48"S 27° 14' 35.02"E  
Rustenburg

To whom it may concern,

This letter serves to acknowledge that M-C TSHABEJENG (name in print) has received one hard copy of the Draft Scoping Report, 80 BID's and a site notice for the Rustenburg Platinum Mines: Re-processing of the Waterval Tailings Storage Facilities Project on the 05/12/2012 (date).

Kind Regards,

**Jared O'Brien**  
**Consultant**

Tel: 011 361 1396

Fax: 086 505 3939

Email: Jared.O'Brien@wspgroup.co.za

014 950 3516

073 94 661 96

**WSP Environmental**  
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Reg. No: 1995/28790/07

WSP Group plc  
Offices worldwide

## 4.7 Final Scoping Phase Issues Trail



**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

**ISSUES RAISED BY VARIOUS STAKEHOLDERS (INCLUDING AUTHORITIES) AND ASSOCIATED MANAGEMENT RESPONSES - SCOPING PHASE.**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
Phumudzo Nethwadzi (DMR)	Phumudzo enquired about the final destination of the tailings after re-processing and the need to upgrade the Hoedspruit TSF in terms of the structure of the facility.	N/A	DMR Notification Meeting	13/09/2012	N/A	It was explained that the tailings will be transferred via an existing pipeline to the Hoedspruit TSF, which has an approved capacity to store all the tailings material resulting from the process and this would be accommodated through an increase in the height of the Hoedspruit TSF. Requirements for the Hoedspruit TSF will be included in the Environmental Management Programme amendment (EMPR).	To be included in the EMPR document.	WSP (April/May 2013)
Phumudzo Nethwadzi (DMR)	Phumudzo emphasised that the stakeholder engagement process must be comprehensive to ensure that all stakeholders are included, that information on all potential impacts (positive and negative) is provided and made clear as early as possible to avoid public issues at a later stage in the project.	Lack of stakeholder notification	DMR Notification Meeting	13/09/2012	A non-comprehensive stakeholder engagement process.	WSP will host various notification meetings including meetings with the part landowner, the authorities and the local leaders in the project area. In addition, WSP will use an existing comprehensive Rustenburg Platinum Mines (RPM) stakeholder database to notify the stakeholders via sms, fax and email. Furthermore site notices were placed around the affected communities.	A comprehensive stakeholder engagement process will take place throughout the project duration.	WSP (September 2012 – October 2013)
Phumudzo Nethwadzi (DMR)	Phumudzo stated that WSP need to ensure that continuous correspondence is maintained with the Department to avoid unnecessary delays of the process.	Lack of sufficient communication with the authorising departments.	DMR Notification Meeting	13/09/2012	A lack of sufficient information/understanding of requirements.	Noted. WSP will ensure the departments are kept up to date on the process via email.	Continuous monitoring.	WSP (on-going, final Scoping report to be submitted March 2013)
Phumudzo Nethwadzi (DMR)	Phumudzo 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.	An overload of information not relevant to the project at hand.	DMR Notification Meeting	13/09/2012	A delay in the review process due to the review of unnecessary information.	Noted.	WSP to streamline all reporting to ensure only relevant information is included in the project reports.	WSP (submission of Final Scoping report and EIA report)
Catherine Greengrass (WSP)	Catherine Greengrass (CG) raised the current unrest in the mining industry as a point of concern. She asked for advice from Phumudzo on the approach WSP is to undertake in terms of public	Potential delays due to strikes. In addition, safety issues associated with striking miners in the communities in which WSP are targeting in terms of PPP.	DMR Notification Meeting	13/09/2012	Delay in the project, and health and safety issues.	Phumudzo responded indicating that the current situation on the ground will settle down over time. Phumudzo indicated that he does not believe the unrest will impact on the public	WSP are to assess the situation in the communities prior to conducting site visits to determine potential risks associated.	WSP (on-going)

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
	participation.					participation process as the majority of people who will be engaged will be members of the general public and not necessarily members of Anglo American Platinum (AAP) or any other mining organisation. Phumudzo 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.		
Teresa Taljaard (RBN)	Teresa Taljaard (TT) wished to verify that the area upon which the project and the Hoedspruit TSF is located in part owned by the, RBH, FIKE Trust (for which a lease agreement is in place) and part owned by RPM. She subsequently requested that Andre Britz (AB) of RPM send her all the relevant portion numbers for the Hoedspruit TSF, and for the rest of the project area.	The land upon which the project is proposed.	RBN Notification Meeting	17/09/2012	N/A	Maps were provided on 8 October and 11 November 2012 (WSP submitted a response letter on 11 November 2012).	WSP are to await any information requirements from the RBN	WSP (On-going)
Ernie Kemm (RBN)	Ernie questioned the crossing of the power lines along the proposed pipeline route.	Legal compliance associated with the activity.	RBN Notification Meeting	17/09/2012	The lack of approval will lead to legal implications.	Pierre Malan (PM) responded indicating that AAP has appointed Green Gain (legal consultant) to ensure legal compliance in terms of the crossings.	Green Gain applications have been submitted, awaiting a response from the various organisations.	Green Gain Consulting (Road crossing approval received however the timeframes are not correct, on-going monitoring of Eskom and Transnet applications.
Ernie Kemm (RBN)	Ernie questioned the location of the proposed booster station and pipeline route, adding that he believes there may be housing stands allocated on the land proposed.	The proposed project area may already be occupied or allocated to an alternative land use.	RBN Notification Meeting	17/09/2012	Possible additional feasibility required on an alternative site.	PM said the land has been inspected and the land is currently vacant.	N/A	N/A
Khalid Patel (RBN)	Khalid Patel (KP) questioned which components of the proposed project are within the AAP mine lease area and	N/A	RBN Notification Meeting	17/09/2012	Lease agreement issues.	Maps provided 8 October and 11 November 2012 (WSP letter 11 Nov 2012).	RBN indicated that they are content with the information which was provided by WSP.	N/A

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
	which lie outside of the mining lease area. KP subsequently requested detailed mapping of exactly where AAP's mining rights are currently.							
Khalid Patel (RBN)	KP indicated that he will review the information (including the map) presented during the meeting along with the SG mapping and decide if the RBN is impacted upon by the project.	Impact on RBN land.	RBN Notification Meeting	17/09/2012	Possible lease agreement implication.	Noted.	WSP has not yet received a response from the RBN directly relating to the issue raised however WSP did receive a general response from the RBN indicating they are comfortable with the information provided.	WSP to monitor the requirement of a follow up meeting with the RBN (on-going).
Ernie Kemm (RBN)	Ernie asked on which side of the property boundary the slurry/return water pipeline will be located.	Land ownership related issues.	RBN Notification Meeting	17/09/2012	Possible lease agreement implication.	AB indicated it would be on the southern side which is Rustenburg Local Municipality (RLM) land. AB added there is an existing pipeline corridor for which servitudes are not yet registered. An agreement for the pipeline corridor on the RLM land is however in place.	RPM are to register the corridor as an official servitude.	AAP to register with authorities in due course.
Teresa Taljaard (RBN)	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 RBN's comments need to be included in the process and this must be made known.	If the lease agreement agreements between RBN and the RPM, the RBN will oppose the project.	RBN Notification Meeting	17/09/2012	Project delay.	WSP noted the comment. AB added that there is currently a separate process in progress to resolve the lease agreement with the RBN (Royalties).	RPM and RBN to resolve the lease agreement issues as a separate process.	AAP prior to beginning of the construction phase (January 2014).
Reotshopile Tihapane (RBN)	Reotshopile Tihapane (RT) queried if Dudu Ratshefola (community Engagement representative) (DR) from AAP is involved in the arranging of the public meetings and the rest of the PPP.	N/A	RBN Notification Meeting	17/09/2012	N/A	WSP responded yes. CG stated that WSP will communicate with RT in terms of PPP going forward. It was noted that DR had recently resigned and her replacement would be announced.	WSP are to include the RBN in the PPP for the project and RPM is to indicate DR's replacement. Since the meeting AAP has confirmed that Dikago Mathule is the replacement for DR.	N/A
Khalid Patel (RBN)	KP requested that he be registered on the database	N/A	RBN Notification	17/09/2012	N/A	Noted.	WSP have since added the RBN to the	N/A

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
	PPP notifications.		Meeting				database.	
Khalid Patel (RBN)	KP queried the initiation date of PPP.	N/A	RBN Notification Meeting	17/09/2012	N/A	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 to initiate PPP once the strike action in Rustenburg comes to an end.	WSP (November 2012)
Khalid Patel (RBN)	KP questioned the need to undertake Water Use License amendment (WULA) for the project, and if so which water uses will trigger the amendment.	N/A	RBN Notification Meeting	17/09/2012	A Water Use license is required prior to commencement of the project.	A WULA amendment will be required for the river crossings and the Pollution Control Dam proposed for the project.	WSP to clarify the way forward with the Department of Water Affairs. The project will either amend the RPM integrated Water Use license or generate a new application specifically for this project.	WSP (as soon as possible)
Teresa Taljaard (RBN)	TT requested a timeline for the WUL amendment and if the RBH will be informed of the amendment (RBN Notification Meeting - 17/09/2012).	N/A	RBN Notification Meeting	17/09/2012	N/A	Unknown at the stage of the meeting however, the RBN will be informed via the PPP.	WSP to ensure the RBN are kept up to date.	WSP (once clarity has been obtained from the Department)
Teresa Taljaard (RBN)	TT re-emphasised that if the RBH are not informed, as a landowner then RBH will oppose the project.	If the lease agreement agreements between RBN and the RPM, the RBN will oppose the project.	RBN Notification Meeting	17/09/2012	Project delay.	WSP noted the comment. AB added that there is currently a separate process in progress to resolve the lease agreement with the RBN (Royalties).	RPM and RBN to resolve the lease agreement issues as a separate process.	AAP (completion date is currently unknown)
Khalid Patel(RBN)	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 will need to be submitted based on the project description. KP indicated that clear information on water uses needed to be provided.	KP is concerned that the project will not register the project water uses.	RBN Notification Meeting	17/09/2012	Lack of a project related water use license.	WSP replied stating the existing integrated WUL will be amended (or a separate application will be submitted to expedite the process) however, it will only be known if the water uses fall under general authorisation once design of river crossings has been determined. AB stated that a second meeting will be held with the RBN to clarify WULs and any other license requirements.	WSP are to set up an additional meeting once the details of the information requires can be provided.	WSP (EIA phase)
Reotshopile Tlhapane (RBN)	RT asked where the wetland areas are for which the aquatic study is being conducted.	Impact on the Klipgatspruit.	RBN Notification Meeting	17/09/2012	Loss of biodiversity.	WSP indicated this area to be on the north-eastern side of the Waterval West TSF. AB indicated the Klipgat river running from west to east, crossing the pipeline at certain stages.	The aquatic specialist to assess the associated impacts on the aquatic eco-system.	WSP specialist (report to be integrated into the EIR/EMPR)

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
Khalid Patel (RBN)	KP questioned the submission of WSP's environmental application form.	N/A	RBN Notification Meeting	17/09/2012	N/A	WSP indicated it had been submitted to NWDEDECT. Copy provided in WSP response letter on 11 November 2012.	N/A	N/A
Khalid Patel (RBN)	KP stated that according to the new environmental legislation the applicant is required to include proof of communication with relevant landowners with the application for authorisation.	The proof of communication was not included in the application form.	RBN Notification Meeting	17/09/2012	Rejection of the application by the authority.	Proof of communication with RBN is included in the Scoping Report. Proof of future discussions with other landowner (Makhlatle Tribe and Fike Trust) will be included in the Final Scoping Report or the EIA report that will be submitted to the NWDEDECT and DMR for approval.	WSP to include the landowner communication in the scoping report/EIA report.	WSP to include the RBN, Fike trust and any other public notification records in the EIR/EMPR (April 2013).
Khalid Patel (RBN)	KP asked if a Section 102 process in terms of the MPRDA would be conducted. KP requested that WSP/ AAP inform him once the application is lodged.	N/A	RBN Notification Meeting	17/09/2012	N/A	WSP indicated that the process to be undertaken would be an EMPR amendment with the first submission to the DMR being the Scoping Report.	WSP to inform the RBN on submission of the scoping report to the DMR.	Completed
Reotshopile Tlhapane (RBN)	RT questioned the need for a traffic impact assessment, questioning the extent of the expected impact.	How many vehicles will the project involve?	RBN Notification Meeting	17/09/2012	Impact on surrounding roads.	WSP indicated that during the construction phase, trucks will utilise the surrounding roads, however the impact is expected to be low during operation (slurry transported via pipeline). Information regarding the traffic study has been included in the Scoping Report.	WSP to include the traffic information in the project reports.	WSP (April 2013)
Reotshopile Tlhapane / Teresa Taljaard(RBN)	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 indicating the location of the receptors relative to the project layout.	Which communities will be impacted by the project?	RBN Notification Meeting	17/09/2012	Social impact	Map in WSP letter of 11 Nov 2012.	WSP received a response from the RBN confirming they are content with the information provided in the 11 Nov 2012 letter.	WSP to determine a future follow up meeting date.
Khalid Patel (RBN)	KP asked which alternatives had been considered for the project.	N/A	RBN Notification Meeting	17/09/2012	N/A	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.	N/A	N/A
Teresa Taljaard (RBN)	TT asked if the designs submitted to RBN as part of the lease application process	The project designs submitted to the RBH are not the final drawings.	RBN Notification Meeting	17/09/2012	The lease agreement process will need to be repeated.	PM responded yes.	N/A	N/A



**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
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	were final. She emphasised that should designs change after any lease for servitudes had been agreed to, the lease application process with the RBN would need to start again from the beginning.							
Khalid Patel (RBN)	KP requested that RBN be provided with the specialist "Terms of Reference".	Ensure the specialist studies are covering the correct areas.	RBN Notification Meeting	17/09/2012	Possible project delay if all the areas of concern are not covered by the assessments.	Specialist methodologies (TOR) are included in the Scoping Report which will be submitted to the RBN for review.	N/A	Completed.
Khalid Patel (RBN)	KP enquired whether pollution plume modelling will be done during the project.	Pollution potential	RBN Notification Meeting	17/09/2012	N/A	AB said pollution monitoring is currently taking place.	AB to follow up with the RBN once the modelling is complete.	AAP (date to be determined)
Unknown(RBN)	RBN asked if they will receive the minutes from Department meetings and Fike trust meetings in the future.	Lease agreement issues.	RBN Notification Meeting	17/09/2012	Potential effect on the lease agreement negotiations between RBN and RPM.	WSP indicated that these would form part of the documents produced in the process (Scoping and EIA reports) which will be made available for public review.	WSP to determine the necessity for a formal meeting with the Fike trust.	WSP to determine during the EIA phase.
Khalid Patel(RBN)	KP requested the following information: <ul style="list-style-type: none"> <li>■ A map with both parent farms and associated portions on which the proposed pipeline, plants and tailings facility will be located;</li> <li>■ The exact extent (in hectares) that the TSF on Hoedspruit will occupy;</li> <li>■ A copy of the NEMA application already submitted; and</li> <li>■ A list of landowners already identified.</li> </ul>	N/A	RBN Notification Meeting	17/09/2012	N/A	Map and list of landowners provided in WSP letter dated 11 November 2012. Information on the Hoedspruit TSF is provided in the Scoping report.	N/A	Completed.
Khalid Patel(RBN)	KP requested that he is informed when WSP understand exactly what water uses will be applied for and over which properties. He further requested that the terms of reference (once drawn up) for the specialist studies are sent to him.	The application does not include all the water uses.	RBN Notification Meeting	17/09/2012	The lack of authorisation for the project.	WSP intend to either amend the current IWUL for the Rustenburg Section or as an alternative, submit a new stand-alone application to ensure the authorization is received in time for construction.	WSP to communicate with the Department of Water Affairs to clarify the way forward.	WSP (to be conducted as soon as possible)
Local leader	The community leaders complained of traffic in the	Increased traffic congestion and the damaging of the local	Local leader Notification	27/11/2012	A direct effect on the local communities, since the communities use the roads on a daily basis.	Maintenance of road is critical to the success of the project.	Outcome of the Traffic Impact Assessment will	WSP to forward the Traffic

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
	communities which is said to be caused by RPM. In addition, the community claims that potholes in and around the communities have been caused by the use of mining vehicles / machinery which travel on the roads.	community roads.	Meeting			The good condition of the roads is just as important to the project as it is to the community. A Traffic Impact Assessment is currently taking place for the project which will identify any project specific related traffic issues. The environmental study report (including traffic study) will be submitted to the authorities who will review the impacts. (Response issued - 10/01/2013).	be forwarded to the RLM. The community will be notified before any road works are undertaken. (Response issued - 10/01/2013)	Impact Assessment report to the RLM WSP (20/03/2013).
Local leader	Restriction of access to roads during the project construction period. If temporary roads are used, will the roads be maintained?	Lack of access to local businesses, clinics and schools during the construction period. The lack of maintenance of the temporary roads.	Local leadership notification meeting	27/11/2012	The community members cannot travel to work, school and/or clinics safely.	No detours are foreseen for the project. PM indicated that there may be potential impacts during project construction phase but not during operation (Response issued - 10/01/2013).	There will be speed restrictions and flagmen in cases where construction occurs around the public roads. All the traffic impact assessment mitigation measures will be implemented during the construction phase (Response issued - 10/01/2013).	WSP (April 2013)
Local leader	The cracking of houses in the communities is claimed to be a result of RPM mining operations.	The damaging of the houses in the communities.	Local leadership notification meeting	27/11/2012	The decrease in the structural integrity of the buildings, the decrease in the selling price of the homes, and the repair costs incurred.	This project does not involve conventional mining. The reclamation activity will be conducted via hydraulic sluicing which involves no blasting activities. At most, the construction activities will involve the use of jack-hammers. A study was conducted on cracked houses in the past (2007) which confirmed that the cracking was not caused as a result of RPM operations. If projects which include blasting are conducted in the future a post project study will be undertaken to assess any damage incurred to surrounding buildings. RPM has been caught up trying to clarify the employment issues therefore have not been able to engage the communities about this issue (Response issued - 10/01/2013).	The RLM and the RPM is aware of the existing non-project related issue and is / will be addressing it. During the construction period a complaints register will be available at the site entrance within which members of the community can record any blasting related issues (Response issued - 10/01/2013).	Contractors (January 2014- December 2014)
Local leader	Safety and Security Issues	How will RPM better manage	Local	27/11/2012	Potential death and injury resulting from employees	AAP's Protection Services work	Safety and Security	AAP (discussion)

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Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
	associated with the recent strikes.	the safety and security issues experienced by the communities during similar scenarios in the future? The RLM does not live in the community therefore concerned that the RLM will not follow up with the issue.	leadership notification meeting		striking in communities. Lack of access to schools, clinics and business impacted on during industrial action.	closely with the South African Police Services (SAPS) who has primary responsibility to ensure that safety and security is maintained during strike action. Anglo American Platinum (AAP) relied on SAPS as much as did the community. The Community Engagement Department (CED) will record the issues/ questions raised and follow up with relevant AAP Departments (Response issued - 10/01/2013). Feedback and tracking of safety and security issues will be discussed at upcoming CEF meetings.	during strike action, is seen as a SAPS responsibility, however, by working closely with the Local Municipality and SAPS, as well as trying to improve Human Resources (HR) relations through the RPM Social and Labour Plan (SLP) as well as the Socio-economic Assessment Toolbox Version 3 (SEAT 3), the company is doing what they can to aid in safety and security issues (Response issued - 10/01/2013).	at next CEF meeting)
Local leader	The community leaders complain about security issues associated with the influx of RPM employees from outside areas. The community leaders want RPM to ensure that employment is provided to local community members. No local skills development plan is in place. Contractors are employed without the prior consideration of the locals. Assumption is made that local skills are not available.	Increased crime due to the influx of RPM employees from outside areas. A lack of employment for local residents. Employment promises not being fulfilled. If the project plans according to the Integrated Development Plan (IDP) and the Master Plan there will be no jobs created for locals. Need to clarify the issue before meeting with the communities next week. The community will become angry if a resolution is not decided upon. Complain of the manipulation of the RLM CV database. No skills transfer from outside contractors to local residents.	Local leadership notification meeting	27/11/2012	Increased crime statistics in the local communities. Lack of income for local residents.	During the project contractor tender process, the project team will encourage the tenderers to utilise local. The tender process will be rated upon the numbers of local labour used during the construction phase. The ward councillors consulted in the Scoping phase can provide to the elected contractors (unknown at this stage), the names of local persons who can be considered for employment for the construction phase. The selection of the labourers will depend on the availability of the relevant skills required. The employment will be inherently temporary. A number of permanent operational jobs will be created by the project (number to be determined). If this project does not go-ahead the current jobs created by the Klipgat operation will be lost.	WSP sent the Construction Management Plan to all the attendees whom can tender for the contractor work. In addition, the project team will encourage the contract tenderers to utilise local labour as and when required (when the appropriate skills are available). The Community Engagement Forum (CEF) will address the issue further during future meetings. There will be future meetings, during the EIA phase in which the LLC can express the issue further. The RLM Local Economic Development (LED) Director indicated that his Department would arrange a workshop in which to disseminate employment opportunities to the locals. The project cannot guarantee opportunities until the project initiation phase (Response issued -	<ul style="list-style-type: none"> <li>■ AAP (discuss at next CEF meeting)</li> <li>■ RLM (to arrange a workshop in the EIA phase)</li> <li>■ TWP (to include in tender documentation)</li> </ul>

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							10/01/2013).	
Local leader	Health impacts caused by RPM mining operations.	The communities are concerned with the health implications of living within a close proximity to the RPM mining operations. Dust is referred to as the main concern.	Local leadership notification meeting	27/11/2012	Respiratory related health issues for local residents.	This is an RPM operations issue and will be approached as part of the SLP. In line with the SLP, commitment is made to provide primary health care. Furthermore, HIV/ VCT services are currently provided through mobile units. WSP is undertaking an air quality impact assessment for the project which will rate the significance of the dust impacts relating directly to the proposed project (Response issued - 10/01/2013).	The RPM SLP will be adhered to. The dust mitigation measures contained within the Air Quality Management Plan will be taken into consideration during construction and operation phases. The project has been designed and budgeted for dust suppression which will mitigate the impacts of dust (Response issued - 10/01/2013).	WSP (April 2013)
Local leader	The impact which the project may have on community agricultural land.	A decrease in the land available for cattle grazing and cropping.	Local leadership notification meeting	27/11/2012	A decrease in the grasslands available for grazing and a decrease in the land area potentially available for cropping.	The pipelines will be located within an existing pipeline corridor hence no impact is foreseen.	A Social Impact Assessment (SIA) will identify any potential impacts and subsequent management measures will be developed and implemented accordingly. The issue will be followed up in the CEF meeting at the end of the month (Response issued - 10/01/2013).	<ul style="list-style-type: none"> <li>■ WSP (April 2013)</li> <li>■ CED (during the next CEF meeting in 2013)</li> </ul>
Local leader	Legacy issues which have never been resolved by RPM.	Local leaders do not want to report back to the communities on solutions which will not be implemented.	Local leadership notification meeting	27/11/2012	Frustration in the communities and a negative impact on the reputation of AAP.	The CEF is in place and RPM have monthly meetings with leadership representatives to address these legacy issues (Response issued - 10/01/2013).	CED to follow up on the issues through the CEF. CED to call a meeting to follow up on outstanding legacy issues (Response issued - 10/01/2013).	CED (2013)
Local leader	Will there be any form of financial compensation for surrounding communities in terms of tangible items/infrastructure which will benefit the communities outside of the scope of the IDP and the Master Plan. In addition, the local leaders requested that consultants, including TWP and WSP, consider project specific Corporate Social Input (CSI) when undertaking projects in	A lack of financial provision for the surrounding communities.	Local leadership notification meeting	27/11/2012	Frustration amongst community members.	No significant impacts are foreseen that may require compensation. There is no physical resettlement as a result of the project and no foreseen impact on grazing land. An SIA is being undertaken for the project which will identify any potential oversights (Response issued - 10/01/2013).	An SIA will identify any potential impacts and management measures will be developed and implemented accordingly. AAP during future projects will ensure that the contractors/consultants hired have a CSI strategy document for the specific project in which employment opportunities may be	<ul style="list-style-type: none"> <li>■ WSP (April 2013)</li> <li>■ AAP (during all future projects)</li> <li>■ RLM director (on-going)</li> </ul>

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	the region. They further recommended that AAP insist on a CSI strategy when procuring consultants.						created (this will be determined on a case by case basis). The RLM will consult with the local councillors, consolidate the potential sustainable business opportunities and revert back to RPM to determine what RPM can assist with in terms of their required donation as a corporate entity (Response issued - 10/01/2013).	
Local leader	Will a budget be made available to develop infrastructure in the communities.	A lack of infrastructural development in the communities.	Local leadership notification meeting	27/11/2012	A lack of schooling and health care facilities in the communities as well as an increase in crime statistics due to the lack of street lights.	Infrastructure development is an integrated development planning imperative which should be addressed in accordance with the RLM IDP and the Royal Bafokeng Nation (RBN) Master Plan. The SLP will be revised in line with the SEAT 3 report in 2013/14. Opportunities for infrastructure development would be explored accordingly in the context of the IDP. Currently project Alchemy is being rolled out which seeks to benefit the communities. Alchemy was awarded shares from AAP which will be allocated to development initiatives in the surrounding communities. The project lifespan is approximately 30 years. The communities will get the opportunity to nominate individuals whom will be responsible for deciding on the allocation of the funds (Response issued - 10/01/2013).	Implementation of SEAT 3. Roll-out of Project Alchemy. The RPM SLP will be adhered to.	AAP (tie in with completion dates of SEAT 3, project Alchemy)
Local leader	The community leaders requested a meeting with RPM, RBH and the RLM at which all the issues can be discussed.	The community members want to ensure that the authorities are aware of the issues in the communities.	Local leadership notification meeting	27/11/2012	N/A	WSP extended an invitation to the said parties.	WSP emailed the invitation to the RLM and the RBN. WSP to send invitation during the EIA phase.	WSP (April / May 2013)
Local leader	<u>Local Labour</u> The Local Leadership Committee (LLC) is aware	Labour resources for the project are not being sourced from the local affected communities. The RLM CV	Local leadership notification response	10/01/2013	The local community will remain unemployed should the recruitment process not be altered.	RPM responded that for short-term labour opportunities (during construction phase), the local (immediate vicinity)	WSP included the Construction management Plan in the meeting minutes as	<ul style="list-style-type: none"> <li>■ WSP (completed)</li> <li>■ RPM (during the tender)</li> </ul>



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	<p>that construction will be short-term. Local labour should be utilised as first priority for new employment opportunities, and the members requested RPM's commitment to use of local labour as part of this project as well as future projects. The LLC members, however, understand that skilled services could be sourced from outside, should services not be available from within the local community.</p> <p>The request was that RPM utilise the current database as per RLM but take responsibility for job allocations, and the committee requested commitment from RPM with regards to this concern. Members of the LLC want an undertaking in writing that local labour would be sourced directly. They were concerned that, should the recruitment process take place via the RLM Database (as per current system), the system might be at risk of manipulation – and employment opportunities for local residents could be jeopardised.</p> <p>Members of the LLC requested information and CVs still be forwarded to existing database through Royal Bafokeng and RLM. However, the system will be spearheaded by the local councillors.</p> <p>Skilled labour should also be defined. The database will be considered if required skills aren't directly available. The construction phase of this Local leadership notification response meeting project should consider short-term employment</p>	database system is manipulated.	meeting			<p>expertise will be given first priority on the basis of skills availability (depending on the project tender process). The contractor tender process will include the scoring of contractors based on the number of local labourers employed during construction. This will ultimately include Ward 33, Ward 34 and Ward 29. However, much of the required labour is skilled/ specialised services and thus may not be able to be sourced from local communities (to be determined on receipt of the tenders from prospecting contractors).</p> <p>The Construction Management Plan has been made available to the community to ensure the local community members are able to pursue possible business opportunities during the project tender process (Response issued - 10/01/2013).</p>	an appendix and submitted the final minutes to all the local leaders whom attached the meeting. RPM to ensure that project tender process includes the scoring of prospectors based on the predicted number of local employment expected.	process)

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	<p>opportunities and skills transfer should also be considered for future projects.</p> <p>An example was provided: "WSP (including all AAP's service providers / suppliers) should consider possible Joint Venture (JV) opportunities within the RLM to assist in the potential transfer of skills. This would assist in future opportunities for the locals".</p> <p><i>Point to note: Definition of "local" in this context: Ward 33, Ward 34 and only the Thekwane Village in Ward 29. It should also be noted that should local skills / services not be available, the labour can then be sourced from beyond the immediately surrounding communities.</i></p>							
RLM representative	<p>The RLM indicated that the mentioned wards should, however, not be isolated from other wards. Perhaps allocate 10 – 20% of opportunities to other wards to ensure that the current wards being considered are also considered in projects which do not lie within the ward boundaries.</p>	<p>RLM concerned that the wards affected by this project will not be considered for other future projects which do not impacted directly on the wards in question.</p>	<p>Local leadership notification response meeting</p>	<p>10/01/2013</p>	<p>Future job opportunities may be limited to other wards (i.e. no employment will be sourced from the wards in question).</p>	<p>Comment noted and agreed upon.</p>	<p>RPM to ensure that a small percentage of jobs are sourced from other wards during RPM operations 9as well as the current project).</p>	<p>RPM (to include the condition in the contractor tender process)</p>
Local leader	<p><u>Local Economic Development Opportunities</u></p> <p>Requested local development initiatives (e.g. JV with WSP). Sub-contracting opportunities related to the project, should give preference to SMMEs (Local Small, Micro and Medium Enterprises). JV opportunities, in terms of sub-contracting must also be considered.</p> <p>The LLC requested that the RLM be made aware of which sub-contractors are</p>	<p>Communities concerned that the local organisations are not being given first priority. The LLC are concerned that the local resources will not be ready to deal with the required services if not allowed to prepare the resources prior to the service requirement. RPM concerned that quality will be compromised should local labour resources be utilised.</p>	<p>Local leadership notification response meeting</p>	<p>10/01/2013</p>	<p>Lack of employment opportunities in the local communities. The local enterprises will not be able to provide the required service if not given appropriate notification. The quality of work may be compromised due to a lack of skilled / qualified human resources.</p>	<p>RPM responded that such opportunities, should any arise, will be made freely available to the local community to pursue. RPM will also explore methods of developing further skills within communities to aid in the development of future sustainable business opportunities. The Construction Management Plan was attached to the Meeting Minutes as Appendix C for the LLC to potentially tender for the project work during the open tender process (Response issued - 10/01/2013).</p>	<p>RPM to communicate opportunities and make the opportunities available to the locals as and when the opportunities arise.</p>	<ul style="list-style-type: none"> <li>■ RPM (Construction management Plan distribution completed)</li> <li>■ RPM and RLM (work together continuously)</li> </ul>

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	<p>required to ensure the community can commence with the developing of such capacities prior to the tender process (beginning of construction). This action is also to be implemented for future projects.</p> <p>The RLM suggested that service providers and suppliers to RPM such as WSP, to discuss potential sub-contracting opportunities for communities with RPM. Subsequently, it was suggested by the members of the LLC that RPM package ToR to be drawn up for suppliers and service providers to help facilitate local SMMEs and work together. The Terms of Reference (TOR) is to encourage skills transfer between contractors and local SMMEs.</p> <p>The LLC also commented that quality, in terms of providing these services, will not be compromised. The LLC would like to be given the opportunity to explore future business / employment opportunities.</p>							
Local leader	<p><u>Compensation</u></p> <p>The members of the LLC requested tangible compensation rather than compensation in terms of monetary value. The LLC expressed concern that the IDP is referred to which does not address their requests. They requested some sort of sustainable project / business to be funded by RPM to benefit the communities on a larger scale.</p> <p>The RLM Director added that the financial assistance from RPM should be in the form of</p>	<p>The community is concerned that only small scale initiatives are undertaken in the local communities. The initiatives are not sustainable in the long term.</p>	<p>Local leadership notification response meeting</p>	10/01/2013	<p>A lack of long term sustainable projects for community members/enterprises.</p>	<p>RPM's Social and Labour Plan Projects (SLP) are reviewed annually and seek to identify in alignment with the IDP of the Rustenburg Local Municipality and the Master Plan of the Royal Bafokeng Nation, sustainable community Development initiatives.</p> <p>The CEF (Community Engagement Forum) is one platform in which the development agenda of the SLP is discussed and thus communities through their community leadership have an opportunity to influence prioritization of development</p>	<p>RPM to determine what sustainable development options can be explored in order to satisfy the request.</p>	<p>RPM (on-going)</p>

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	<p>a donation, due to RPM being a corporate entity. A sustainable catalytic project such as a Personal Protection Equipment Manufacturing Company or a bakery or even the supply of chemicals. This will ensure a sustainable business opportunity in the area as the area is mostly associated with mining and related activities.</p> <p>Once such projects have been identified, an engagement process should be initiated. It is suggested that other mining companies in the area form part of this initiative to ensure the sustainability of the projects are achieved. Implementation of the CSI responsibility to build schools, clinics, etc. The RLM replied that it is the responsibility of the RLM to build schools, clinics, etc.</p> <p>A question was raised to confirm whether the donation was to be provided from the project budget or from the mine (RPM). It was confirmed that this should be a mine-wide donation; however, this project provides a significant platform to ensure that possible investment in communities would not be lost. Smaller opportunities, as part of the current project, (e.g. sanitation management and assistance with public meetings) should be sourced from the local community as far as possibly.</p>					initiatives and projects. RPM will continue engaging communities through the CEF structure.		
Local leader	<p><u>Additional requests</u></p> <ul style="list-style-type: none"> <li>- Request a document with agreements for LLC's records;</li> <li>- Request for the gravel road to be constructed over pipeline so community can</li> </ul>	Community is concerned that the requests will not be documented and agreements not upheld. Community is concerned that access to fire wood will be limited. Concerned that the Public Participation Process was not	Local leadership notification response meeting	10/01/2013	Should the decisions made not be documented the commitments will not be upheld. If no access road is constructed the communities access to fire wood will be restricted. Concerned that the same PPP will take place for this project as per past projects in the area.	WSP have generated minutes from the local leadership meeting which includes the agreements made. The public participation process thus far has been comprehensive and WSP will continue to be diligent in their	WSP will continue to record all agreements in the EIA phase of the project. WSP will include the mitigation measures in the SIA report which is yet to be finalised. On	WSP (on-going to October 2013) RPM/TWP (prior to project construction phase).

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	<p>collect wood in field;</p> <ul style="list-style-type: none"> <li>- Security –issues and concerns with regards to previous projects (not related to this project) with building explosion operations near villages (specifically construction of a Refrigeration Plant); and</li> <li>- Emphasis was placed by the members on the need to keep minutes and records. Feedback of these meetings should also be provided.</li> </ul>	properly conducted in past projects.				<p>processes going into the EIA phase.</p> <p>There is an existing air pipeline parallel to which the proposed project pipelines will be positioned/routed therefore there is no foreseen notable impact to the ability of locals to access firewood. There are existing crossing stiles over the air pipeline which will be extended to cater for the additional pipelines. If the community view the access issue as a significant impact then they should indicate the severity of the concern during the EIA phase public meeting. The impact will be rated and mitigation measures indicated within the SIA report.</p>	conclusion of the SIA report RPM/TWP are to determine if additional crossing stiles are required.	
Francois Joubert (Tabacks Consulting)	Requested to schedule a meeting between your RPM and the RBN in order to discuss the project in more detail (as part of the formal EIA Public Participation Process), especially as same relates to the potential impact of the project on the RBN as landowner.	Landowner issues	Telephone call/Email	11/02/2013	Land owner issues may delay the project.	WSP responded stating that need to understand the purpose and the potential points of discussion for the meeting in order for WSP to revert back to RPM with a clear request.	WSP will await the response from the RBN and act accordingly once the clarification is received. The meeting will most likely take place during the EIA phase.	WSP (once a response is received (EIA phase)).
Bob Moepie (MOGWELE TRADING 393 (PTY) LTD)	<p>Your company's notice on the above-mentioned matter in the Rustenburg Herald of the Week 4th to 5th February 2013 is referred to.</p> <p>Your advertisement refers to the Waterval TSFs located in Rustenburg. As Management of Mogwele Trading, we would like to be assured that these "Tailings Storage Facilities, (TSFs)" do not refer to the old tailings dam situated on portions 10, 13, 19 and the remaining extend of the farm Waterval 303 JQ in Rustenburg?</p> <p>Our company has prospecting rights on the economic minerals on those tailings dams (renewal</p>	The submission of an application on behalf of RPM on the same TSF.	Letter (Email)	11/02/2013	A dispute between the companies.	The Mogwele Prospecting Right is disputed and the subject of a judicial review.	Pending dispute.	AAP Legal team to follow up on a continual basis (prior to completion of the EIA)



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	<p>pending). We do have an approved EMP for the rights we applied. The matter is currently under dispute between us and AAP:RPM.</p> <p>Should you however not be referring to the tailings situated on the portions of the farm as described above, please ignore my email?</p>							
Rustenburg Local Municipality	<p>Rustenburg Local Municipality representative requested Anglo use the current/existing labour on the mine and if additional human resources are required, to source the labour locally.</p>	The use of external labour.	Integrated Environmental Management Meeting	14/02/2013	A high unemployment rate in the communities surrounding the mine.	<p>The contractors commissioned on-site will be encouraged to use local labourers/ managers. However, this will depend on the availability of skills (with associated qualifications). If required, the contractors will source the labour via the local ward councillors (local employment cannot be guaranteed, this will depend on the feedback obtained from the tenderers). The employment will be inherently temporary. A number of permanent operational jobs will be created by the project. Most of the project work involves qualified teams in order to guarantee the quality of work therefore local employment will be reviewed and determined by the contractors if criteria are met by local community members. If this project does not go-ahead the current jobs created by the Klipgat operation will be lost.</p>	<p>WSP sent the project Construction Management Plan to all the attendees whom can tender for the contractor work. A policy which encourages the employment of local labourers will be followed by entering into contractual agreements with the construction contractors within the requirements of the project. The Community Engagement Forum (CEF) will address the issue further during future meetings. There will be future meetings, during the EIA phase in which the community local leadership can express the issue further. The RLM Local Economic Development (LED) Director indicated that his Department would arrange a workshop in which to disseminate employment opportunities if required by locals. The opportunities will be assessed at the project initiation phase.</p>	<ul style="list-style-type: none"> <li>■ AAP (discuss at next CEF meeting)</li> <li>■ RLM (to arrange a workshop in the EIA phase)</li> </ul>

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Rustenburg Local Municipality	The community needs to be informed of what skills are required for potential jobs.	A lack of communication in terms of potential employment opportunities being created as a result of the project.	Integrated Environmental Management Meeting	14/02/2013	Local community members cannot make use of the employment opportunities on the mine.	The RLM Local Economic Development (LED) Director indicated during the local leadership response meeting, that his Department would arrange a workshop in which to disseminate employment opportunities, if required by locals. The project cannot guarantee opportunities until the project initiation phase.	The RLM are to arrange a workshop following communication with RPM (as part of the CEF).	RLM (prior to project construction phase)
Rustenburg Local Municipality	What is going to happen to the rest of the minerals in the reprocessing as Anglo only has a license for to remove the platinum?	N/A	Integrated Environmental Management Meeting	14/02/2013	Anglo cannot extract any minerals other than the platinum in the Waterval TSF's.	RPM are currently resolving this issue via the relevant departments.	RPM are to monitor the progress of this issue.	RPM (prior to the operational phase of the project)
Rustenburg Local Municipality	During the rehabilitation phase of the project Anglo are to retain jobs created as a result of the project.	The temporary nature of the jobs.	Integrated Environmental Management Meeting	14/02/2013	Employees will only benefit from the employment for a limited period of time.	During the rehabilitation phase a limited number of specialists will be required to ensure the site is correctly rehabilitated to meet the conditions of the environmental authorisation. Jobs will be maintained where possible/feasible.	RPM to determine which jobs can be retained at the project facilities following the rehabilitation phase.	RPM (during the project rehabilitation phase)
Rustenburg Local Municipality	Anglo must rehabilitate the area appropriately once complete with the mining activities.	The land is left in a unacceptable condition.	Integrated Environmental Management Meeting	14/02/2013	Degradation of the environment and health and safety issues associated with the exposed footprint of a prior tailings storage site.	The rehabilitation costs have been taken into account via a Closure Liability Assessment undertaken by SRK. The rehabilitation of the site will form part of the project Environmental Management Programme. The current RPM rehabilitation plan will be updated as part of the project.	The Closure Liability Assessment has been undertaken. The report will be contained within the Draft EIR/EMPR.	WSP (12/04/2013)
Local community member	What methods were used to notify the public of the public meeting?	The communities in the area were not sufficiently notified of the public meeting.	Public meeting	14/02/2013	The public participation process may not be comprehensive.	HM responded indicating that faxes, emails, site notices, newspaper adverts, local leadership meetings, and an announcement by the ward councillors (at a local funeral in Thekwane and at a church service in the community) were used to notify the public. However, the team cannot guarantee the public turn-out on the day of the meeting. HM requested a local leader, who attended the local leadership meetings to indicate what process, had been followed by the councillors and any other community leader to convey the	WSP will continue to run a comprehensive stakeholder engagement process during the EIA phase of the project.	WSP (on-going to end October 2013)

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						notification of the public meeting to the local communities. Furthermore, HM indicated that all the questions raised by the public will be included in the Scoping Report which in turn will be reviewed by the authorities, proponent and consulting team feeding to the authorities or regulators, who will make an informed decision regarding the future of the project. LR indicated that WSP can be contacted at any stage with any issues or concerns during the process regarding the project and the details provided in the presentation. In addition LR noted that there would be another public meeting during the EIA phase (date to be confirmed).		
Local community member	A community member indicated that not all members of the community have cell phones therefore, many of them were not informed via sms. He further indicated that the point he raises was not a complaint, merely an observation.	Concerned that all the community members never received the public meeting notification due to the lack of cell phones.	Public meeting	14/02/2013	Not all community members were notified of the project and given sufficient opportunity to raise issues and concerns.	Various methods of communication were used to inform the surrounding communities. A newspaper advert was placed in both a national and a local/regional newspaper, site notices were erected in and around the proposed project area and faxes/emails were also distributed to a stakeholder database which included authorities, organisations, the public and the local leaders whom were consulted as part of the project.	N/A	N/A
Local community member	A community member indicated that better feedback in terms of the entire communities issues can be obtained from the local trustees of Photsaneng and Mfidikwe. That consultation through structures such as the Fike Trust will provide a more meaningful participation for communities such as those from Photsaneng Village since they have office bearers that are more knowledgeable and informed	The feedback obtained from the general public in the community may not be value adding due to the lack of education/knowledge.	Public meeting	14/02/2013	The public participation process may not provide beneficial information to the project team or the authorities.	Comment noted. WSP will endeavour to obtain further feedback from the trusts.	WSP to action the item during the EIA phase.	WSP (EIA phase)

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	about such processes.							
Local community member	A member of the meeting asked whether WSP was in possession of the Photsoneng and Mfidikwe trust contact details. The member stated that no one present at the meeting had the mandate to comment on the Hoedspruit farm (on which the Hoedspruit TSF is situated). He further indicated that the Fike Trust should be consulted as they are the owners of the Farm.	Concerns raised that the Photsoneng and Mfidikwe trust have not been informed of the project.	Public meeting	14/02/2013	The public participation process may not provide beneficial information to the project team or the authorities unless more knowledgeable members of the community are consulted.	JO responded saying WSP may have the details however the details will be obtained after the meeting to make sure they are informed about future meetings. The comment has been noted (AAP have notified the Fike trust of the increased height of the Hoedspruit TSF).	WSP to ensure that the details are include on the EIA stakeholder database.	WSP (currently taking place).
Local community member	A community member expressed that the general public in the area often cannot comprehend the detail of the project therefore cannot make informed decisions.	The feedback obtained from the general public in the community may not be value adding due to the lack of education/ knowledge.	Public meeting	14/02/2013	The public participation process may not provide beneficial information to the project team or the authorities.	The stakeholders making comments and inputs are doing so to inform the decision maker of the issues to be considered in decision making. Therefore, the DMR will be notified of the issues raised by the community and subsequently make an informed decision on the project.	N/A	N/A
Local community member	A community member said that he is concerned that the DMR is not represented at this meeting, despite their previous calls for the department to attend so that they can explain process and legislation followed building up to decision making?	The DMR are not fully aware of the issues raised by the communities.	Public meeting	14/02/2013	The communities issues are not taken cognisance of and/or actioned by the government or the proponent.	Ishmael (RPM CED representative) detailed the role of the DMR. Ishmael said that the DMR do not get involved at this level however the Department was notified of the public meeting time/date/venue. The issues and questions raised by local leadership and community members are considered by the DMR in the Scoping Report and the EIA report which is then reviewed by the Department. The DMR or other departments then respond in the form of a Record of Decision/ Environmental Authorisation. The proponent is also required to detail how any impacts associated with the project will be mitigated.	WSP to update and submit the final scoping report including all the issues which were raised at the public meeting.	WSP (20/03/2013)
Local community member	A community member is concerned that the community is not being well represented in the process.	The public participation process is not comprehensive and has not captured the social issues.	Public meeting	14/02/2013	The issues submitted to the DMR are not comprehensive and representative of the true issues being experienced in the communities.	Herbert Mudupi (HM) (public meeting facilitator) indicated that the issue will be included in the Issues Trail and submitted to the Department. HM further	WSP to ensure that as many lines of communication as possible are utilized during the EIA phase.	WSP (EIA Phase)

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						indicated that the current meeting is one of many meetings which have been held to date for the project. There will be an additional public meeting in the next phase of the project in which the public can raise any additional issues/questions, however comment is noted and that the proponent and the consultants do not have control on who and how many people attend to qualify a meeting as a community meeting. Public Meetings require that you use as many mechanisms as possible to ensure effort to reasonable publication for invite and not guarantees for attendance.		
Local community member	The RBN representative said that he believes that the public attended the meeting in order to get notified of the potential impacts which may affect them. He requested that WSP elaborate on the impacts which may occur as a result of this project.	WSP are focusing too much on other issues and not spending enough time on the true concerns of the public.	Public meeting	14/02/2013	The objective of the public meeting is not achieved.	HM requested that the community submit a list, to WSP, of all the questions, comments and suggestions which they would like to raise. WSP indicated that the community can submit comments for the scoping phase until Friday 22 February 2013. However, comments for the EIA phase can be submitted until July 2013.	N/A	N/A
Local community member	A local leadership member indicated his concern with the lack of community representation in the work force/ contractors used by RPM. He further indicated that local enterprises needs are to be considered when appointing consultants. He further elaborated that WSP should appoint a member of the community to form part of the WSP team. He concluded that many of the issues between the community and RPM could have been avoided if the community was considered first.	A lack of local employment generation.	Public meeting	14/02/2013	The maintenance of low employment statistics in the communities.	HM responded that the comment/suggestion is noted and will be included in the issues trail and submitted to the Department. The issue was raised in the local leadership meeting and the response meeting which was held last month. The issues trail from the meetings will also be provided to the Department for review. Certain agreements were recorded between the locals and the proponent regarding procurement opportunities and sustainable long term local economic development.	RPM to ensure that the RLM is informed of potential procurement opportunities early in order to prepare the necessary resources in the communities. RPM to investigate various joint venture opportunities and sustainable long-term economic development opportunities for the local community enterprises.	<ul style="list-style-type: none"> <li>■ RPM (on-going throughout project)</li> <li>■ CED (during upcoming forum meetings)</li> </ul>
Local community	A local leadership member said that he has an issue with	RPM do not benefit the local communities however the mine	Public meeting	14/02/2013	The community does not benefit from the mining activities. The community suffers from strikes resulting	RPM benefit the GDP of the country however there are not	Various options are being explored by the	AAP CED (to discuss joint



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member	the manner in which RPM operate. How will the re-mining project benefit the community? He further highlighted the hardships faced by the communities as a result of the RPM strikes and other environmentally related impacts.	impacts the community.			from the mining activities.	major benefits for the community other than the maintenance of the current jobs and the creation of an additional limited number of jobs during the operational phase.	project team following the local leadership notification meetings.	venture social initiatives during upcoming CEF meetings)
Local community member	A local community member suggested that WSP host a meeting per community due to the unique nature of the needs of each community.	All the affected communities are not appropriately represented.	Public meeting	14/02/2013	The objective of the public meeting is not achieved.	WSP will consider the recommendation during the EIA phase public participation process.	To be considered during the EIA phase of the project.	WSP (April 2013 – November 2013)
Local community member	WSP must run a transparent process by including the community members in the specialist studies.	WSP are not providing the community with comprehensive feedback on the specialist studies. WSP are to ensure that the community members are included in the Social Impact assessment study.	Public meeting	14/02/2013	If the community is not included in the study the finding will not be representative of the situation on the ground.	WSP are in the process of undertaking an SIA.	WSP will include the findings of the assessment in the EIA report which will be made available to the public for review.	WSP (April 2013)
Local community member	A local leadership member indicated that the small number of jobs which may be created by the project is a concern, due to the fact that these jobs are for a short term, and that the real issue is the lack of big meaningful opportunities for the communities such as equity ownership.	The lack of big meaningful opportunities for the communities such as equity ownership.	Public meeting	14/02/2013	The lack of sustainable Local Economic Development opportunities for local enterprises.	RPM will investigate potential sustainable opportunities. In addition, RPM have provided the local leadership with the project Construction management Plan to enable local enterprises to tender for the current project contracts.	The project team to inform the RLM if/when human resources are required in order to give the local leadership sufficient opportunity to consolidate resources in preparation for the work associated with the project (however, this will be determined based on the commitments made by the project contractors). Various sustainable economic development options are being explored by the project team following the local leadership notification meetings.	RPM (prior to the project construction phase)
Local community member	A local leadership member said that he believes that there are white people are benefiting from the mining related opportunities which seems to be ring-fenced for them thereby excluding black people or businesses, including the issue of	Black people are not benefiting from mining operations.	Public meeting	14/02/2013	Lack of local black economic development.	The comment is noted and will be recorded in the issues trail.	RPM are to investigate sustainable economic opportunities for local black community members.	RPM (on-going)

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	community equity ownership. As with this proposed amendment project.							
Local community member	A local community member indicated that the community members are poor and therefore could not attend the meeting due to the lack of transport provision from RPM. WSP/RPM should have provided transport for the community.	No transport was provided therefore many did not get informed about the project.	Public meeting	14/02/2013	The public meeting did not inform a sufficient number of people.	The comment is noted and will be investigated in the EIA phase.	To be investigated by the project team.	RPM provide comment prior to the EIA phase public meeting)
Local community member	Were the people from Bokomoso invited to the meeting?	People of the other affected communities were not involved in the public meeting.	Public meeting	14/02/2013	The public participation may not have involved all the affected communities	Yes, the community was informed. In addition, the local leadership in the community were informed via an SIA notification meeting.	WSP to include any additional stakeholders discovered during the scoping phase into the EIA database.	WSP (on-going till EIA process completion)
Local community member	A local community member requested the hosting of a mining indaba by RPM in order to make the community aware of the possible opportunities associated with the mining operations in the area. He further added that he is not against the project but would like to know how the project/ operations will benefit the community.	The communities are not made aware of the opportunities relating to mining in the area.	Public meeting	14/02/2013	The community members do not benefit from mining operations in the surrounding areas.	The comment is noted and engagement with other role players/Mining houses is critical in hosting proposed Mining Indaba.	Engagement with Leadership and other Mining houses to be undertaken by AAP to determine if the need is critical to the wellbeing of the communities.	AAP (on-going)
Local community member	A community member indicated that the community doesn't understand the decision making process which takes place after notifying the public.	Concerned that the community is unaware of the process which is undertaken following the notification of the public.	Public meeting	14/02/2013	The community becomes frustrated as they are unaware of the reason for decisions being made by the authority.	The meeting presentation did include a detailed process flowchart of the authorisation process.	N/A	N/A
Local community member	A local community member indicated that she is happy to hear the issues of the communities voiced. The project team must do the best they can in order to satisfy or meet the needs of the communities.	N/A	Public meeting	14/02/2013	N/A	Comment noted.	The project team will run a diligent Public Participation Process to ensure all the community issues are captured.	WSP (EIA phase)
Royal Bafokeng Nation Representative	As there are only temporary jobs being created from this project, the community must benefit in another form.	A lack of any significant benefit to the surrounding communities.	SIA: Royal Bafokeng Nation Engagement	15/02/2013	No significant economic development in the area.	The employment will be inherently temporary during the construction phase. A number of permanent operational jobs will be created by the project during the operational phase (employees however will need	WSP included the Construction management Plan in the local leadership response meeting minutes as an appendix and submitted the final	RPM (Project life)

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						to be skilled in order to satisfy the positions). Most of the project work involves qualified teams in order to guarantee the quality of work. The activities associated with the construction phase will go out for open tender (the local leaders were provided with the project Construction management Plan therefore they can tender for the project work). The tenderers will be scored on the number of locals they will employ amongst other rating aspects. If this project does not go-ahead the current jobs created by the Klipgat operation will be lost.	minutes to all the local leaders whom attended the meeting. During the tender process the contractors will be encouraged to use local labour.	
Royal Bafokeng Nation Representative	RBN want to see community raise their voice regarding these issues because the community members are directly affect by these projects (including past and future projects).	Community needs to be empowered to raise their issues.	SIA: Royal Bafokeng Nation Engagement	15/02/2013	The community does not raise issues relevant to the project.	It is up to the community members (leaders) to raise issues or concerns during the transparent Public Participation Process.	WSP to continue with the current authorisation process within which all the relevant stakeholders will be given sufficient opportunity to raise any issues.	WSP (duration of the authorisation process)
Royal Bafokeng Nation Representative	RBN want to see more actions within the local communities. There needs to be more than the SLP. Communities want to see action being undertaken.	AAP only provide jobs in line with the SLP, little community development is seen on the ground.	SIA: Royal Bafokeng Nation Engagement	15/02/2013	There is no community development for communities directly affected by the mine.	The issue will be discussed further in the upcoming CED meetings.	To be discussed further as part of RPM operational issues during the CED meetings.	CED (On-going)
Community Leader (Ward Councillor, Bokamoso)	Near Bokomosos there are footpaths which children use to get to school at Mfidikwe.	The pipeline will prevent children getting to school.	Local Leadership Meeting for SIA study	27/02/2013	Difficulty of children accessing schools.	The current situation (paths, etc) on-site will not be changed. The SIA study will rate the impact and issue associated mitigation measures.	WSP will include the mitigation measures in the SIA report which is yet to be finalised..	WSP (20/03/2013)
Community Leader (Ward Councillor, Bokamoso)	The existing air pipeline along the pipeline corridor restricts cattle grazing activities. RPM need to assist with improving access to grazing	The proposed additional pipelines will make the situation worse.	Local Leadership Meeting for SIA study	27/02/2013	Prevent easy access to grazing land.	The existing set up will not be altered. There are existing crossing stiles over the air pipeline which will cater for the additional pipelines. If the community view the access issue as a significant impact then they should indicate the severity of the concern during the EIA phase public meeting. The impact will be rated and mitigation measures indicated within the SIA report.	WSP will include the mitigation measures in the SIA report which is yet to be finalised. The requirement for additional action will be determined during EIA public communication..	WSP (20/03/2013)

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Community Leader (Ward Councillor, Bokamoso)	If there is a breakage in the pipeline, cattle may drink the dirty water.	Cattle may get sick or get stuck.	Local Leadership Meeting for SIA study	27/02/2013	Cattle may die.	The design of the pipelines is to ensure that leakages are minimised. In the case of a leakage the resulting slurry will be contained and the pipeline will be repaired on detection of the leakage. The pipelines will be regularly monitored to detect any issues. The slurry will not be palatable to the cattle (fine grain silt material).	The mitigation measures to prevent such an occurrence and to act should a spillage occur will be included in the draft EIR/EMPR.	WSP (April 2013)
Community Leader (Ward Councillor, Bokamoso)	If the pipeline bursts, this could cause a health and safety impact.	Concern for local community walking along and living near pipeline.	Local Leadership Meeting for SIA study	27/02/2013	Potential health and safety issues for local communities.	The design of the pipelines is to ensure that leakages are minimised. In the case of a leakage the resulting slurry will be contained and the pipeline will be repaired on detection of the leakage. The pipelines will be regularly monitored to detect any issues.	WSP will include the mitigation measures in the draft EIR/EMPR.	WSP (April 2013)
Community Leader (Ward Councillor, Bokamoso)	If WSP want to inform this community for the project, the best way is to call a community meeting (through the ward councillor)	The need to ensure that the project informs the community of the proposed activities and advise them on risks.	Local Leadership Meeting for SIA study	27/02/2013	The lack of communication to all affected stakeholders of the risks associated with the project.	WSP have held a local leadership meeting with all the local leaders whom are considered affected by the proposed project. Following this meeting a follow up response meeting was held in order to respond to all the raised issues. In addition, a public meeting was held in February 2013 to which all stakeholders were invited via the local leadership members and the project stakeholder database.	WSP will continue to invite the local leadership members to upcoming EIA meetings.	WSP (EIA phase of the project)
Community Leadership (Ward Councillor, Thekwane)	Why was the community not involved with WSP on the SIA? The community asked to be involved at the project public meeting.	The community does not understand the difference between the SIA study and the overall project public meeting.	Local Leadership Meeting for SIA study	27/02/2013	Community resistance to the EIA process and project.	The public meeting was minuted and responses prepared within the Issues and Responses Trail. Local leaders from the community were informed of the public meeting and were tasked with notifying the relevant individuals in the communities. The SIA study meeting is only an information gathering process in order to understand the current situation in the communities surrounding the project area.	WSP will complete the SIA study report in which the answers received from the SIA local leader notification meeting will be included in order to give the departments an understanding of the status of the impacted communities.	WSP (20/03/2013)



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Reotshepile Tihapane (RBA)	Perhaps the community requires training to understand the EIA process and specialist studies?	The lack of understanding of the EIA process from the communities.	Local Leadership Meeting for SIA study	27/02/2013	The public do not raise relevant questions and don't understand the purpose and objective of the authorisation process.	A response/action plan will be contained within the SIA report. The suggestion will be considered going forward in the project.	WSP will include the finding and the proposed mitigation measures in the SIA report which is yet to be finalised. However, a decision has not yet been made on the matter.	WSP (20/03/2013)
Community Leader (Ward Councillor, Bokamoso)	The lack of education in the communities is a legacy issue. The RBN administration needs to assist with transfer of skills to local communities.	This training will not happen, as no one has done it so far, and lack of trust of Anglo	Local Leadership Meeting for SIA study	27/02/2013	Community resistance to the EIA process and project	The matter is to be dealt with by the RBN..	WSP will forward the issue onto the RBN for review via the EIR/EMPR submission.	WSP (20/03/2013)
Community Leader (Ward Councillor, Bokamoso)	The locals do not trust Anglo American Platinum because of unresolved past issues on the mine.	The authorisation process will be influenced by past unresolved Anglo operational issues.	Local Leadership Meeting for SIA study	27/02/2013	The project authorisation process will be hindered by standing mine issues which were raised in the past and have not since been resolved.	AAP strive to develop and maintain a long standing win-win relationship with surrounding communities via the Community Engagement Forum on a mine operational on-going basis. During each proposed AAP project, the AAP ensure that a PPP process is undertaken to adequately involve and resolve any issues. The legacy issues will be dealt with in the upcoming CEF meetings.	AAP to include this statement in the CEF meeting agenda to discuss any outstanding issues.	AAP (next CEF meeting)
Local Ward councillor	Have WSP spoken with all the relevant land owners? He specifically identified Hoedspruit as an issue? The land is owned by the Fike Trust.	May have not considered the land owner in the project PPP.	Local Leadership Meeting for SIA study	27/02/2013	Legal issues associated with the land.	AAP RPM are currently in negotiations with the Fike trust to agree on the current lease agreement between the parties as the Fike trust do own the land. The lease issues are taking place as a separate process.	AAP RPM are to resolve the lease agreement as a separate process.	AAP (prior to the project construction phase)
Local leadership member	Will the project site be fenced off from communities (Bokamoso specifically)?	Potential danger/restriction to local communities.	Local Leadership Meeting for SIA study	27/02/2013	The mobility of the communities may be restricted.	The pipeline will not be fenced off however, the proposed pre-treatment plant and the proposed pump station will be fenced off to unauthorised entry (prevent safety and security issues at the plants).	N/A	N/A
Local leadership member	By adding additional pipelines along the existing air pipeline route, the activity will result in the further disturbance of grazing land.	Prevent access to grazing land for local communities.	Local Leadership Meeting for SIA study	27/02/2013	The livelihood of the community is impacted.	The access to grazing land will not change from the existing situation (i.e. the existence of the compressed air pipeline parallel to the proposed	To be included in the SIA report along with associated mitigation measures if considered necessary.	WSP (20/03/2013)



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						pipelines). The issue will be rated and mitigation measures indicated within the SIA report, where necessary. The pipeline will be routed within an existing RPM pipeline corridor.		
Ward councillor	Will stock farmers be compensated? This needs to be discussed with the Farmers' Association representatives. Cllr Kuno will facilitate if specialists sees a need to engage with this group.	Financial compensation for loss. This group needs to be communicated with	Local Leadership Meeting for SIA study	27/02/2013	Budget is to be made available to compensate the stock farmers.	The project surface team has not identified the requirement for financial compensation at this stage as the project surface area is contained within an existing pipeline corridor therefore the land use will not be altered. The requirement for financial compensation is being investigated as part of the SIA study.	Requirement to be determined in the SIA report.	WSP (20/03/2013)
Local leadership (Councillor Thekwane)	The community needs to be involved to understand as they know exactly what is happening on the ground. We cannot talk for the whole community. Need to have two-way communications.	Lack of community involvement means the specialist might not understand the full impacts associated with the project.	Local Leadership Meeting for SIA study	27/02/2013	The significant findings are not captured as the community was not involved in the environmental authorisation process.	The SIA study process does not allow for detailed investigations at this stage as the specialist is still gathering information on the site. WSP will continue to involve the communities in the process going forward as has been the case to this point in the process.	WSP will continue to facilitate a fluent and comprehensive PPP.	WSP (duration of the project)
Local leadership (Councillor Thekwane)	The public meeting that was held in February was not well attended in the opinion of the Councillor. The project needs to hold a meeting in each village or provide transport to a central location.	The greater community did not have access to the public meeting.	Local Leadership Meeting for SIA study	27/02/2013	Non-comprehensive stakeholder engagement process.	WSP will consider the best approach to the next community meetings.	WSP to discuss the options with the project team and the AAP CED representatives.	WSP (EIA phase)
Leadership – Mfidikwe	A lot of people cross from Bokamoso to Mfidikwe. And children walk to school adjacent schools therefore the project needs to build a bridge over the pipeline to ensure access is available.	Pipeline will cut off access to schools and communities.	Local Leadership Meeting for SIA study	27/02/2013	Difficulty of people moving between communities.	Existing access will be maintained. There are existing crossing stiles over the air pipeline which will cater for the additional pipelines. If the community view the access issue as a significant impact then they should indicate the severity of the concern during the EIA phase public meeting. The impact will be rated and mitigation measures indicated within the SIA report.	WSP will include the rating of the impact and include relevant practical mitigation measures in the SIA report which is yet to be finalised.	WSP (20/03/2013 – to the EIA phase)
Ward councillor	Need more details on the proposed pipelines including: - Pressure; and - The height above	Need to know technical details to understand what the issues may be.	Local Leadership Meeting for SIA study	27/02/2013	Lack of understanding could lead to poor engagement process and false assumption of impacts.	All details will be incorporated into the EIR/EMPR which will be made available for public review. This will be	To be included in the EIR/EMPR which will be placed on public review for stakeholders	WSP (April 2013)

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	ground					communicated at the next public meetings.	to extract required information.	
Ward councillor	Cattle may get trapped between pipelines (existing and new)	May lose cattle as a result of being trapped.	Local Leadership Meeting for SIA study	27/02/2013	Loss of livelihood.	The design will be to prevent cattle from being able to get between the pipeline. The pipeline will form an obstacle to the cattle. The existing crossings can be used by cattle farmers (As Per The Current Situation).	N/A	N/A
Ward councillor	If a bridge is installed to enable community members and cattle to move from one area to the next, then there needs to be a decent access road on either side of the pipeline.	AAP will not cater for vehicles.	Local Leadership Meeting for SIA study	27/02/2013	No suitable vehicle access road to enable vehicles to drive parallel to the pipelines.	All details will be incorporated into the EIR/EMPR which will be made available for public review. This will be communicated at the next public meetings.	To be included in the EIR/EMPR which will be placed on public review for stakeholders to extract required information.	WSP (April 2013)
Ward councillor	Concern was expressed that children may climb in between pipelines.	Death or injury caused due to children playing on the pipeline.	Local Leadership Meeting for SIA study	27/02/2013	Loss of life.	The associated danger will be less than the current existing pipeline risk as the proposed pipelines have a smaller diameter than the existing pipeline.	N/A	N/A
Ward councillor	The local communities need to be educated on how to react if there is a breakage in the pipeline.	Local communities may be negatively affected if they do not know how to manage/react to incidents/events.	Local Leadership Meeting for SIA study	27/02/2013	Possible health and safety issues associated.	A pipeline rupture is considered a risk for the project. The pipeline will be inspected regularly to detect any possible fractures/weaknesses. Operational emergency incident control measures will be enforced to ensure that immediate action is taken to minimise the impact/consequence should an event take place. The training recommendation will be further considered in the EIA phase.	The mitigation measures are to be included in the EMPR.	WSP (April 2013)
Local Leadership (Thekwane)	Beneficiation – the community must get some direct benefit out of this project.	If the community are not going to receive benefits through job opportunities then they need to have direct involvement in another aspect.	Local Leadership Meeting for SIA study	27/02/2013	Community resistance to the EIA process and project.	There will be jobs created during the construction phase of the project (however the jobs will be determined by the outcome of the tender process). WSP distributed the project Construction management Plan to all the local leaders whom attended notification meetings which provides for an open transparent tender process. As such the tender opportunities have been made available to the communities. Such opportunities/benefits, should any arise, will be made	To be discussed further during RPM CEF meetings. RPM will ensure that contractors are encouraged to utilise local labour.	RPM (on-going during the project life)

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
						freely available to the local community to pursue. RPM will also explore methods of developing further skills within communities to aid in the development of future sustainable business opportunities (to be discussed in the CEF). The RLM Local Economic Development (LED) Director indicated (during the local leadership meeting) that his Department would arrange a workshop in which to disseminate employment opportunities at AAP if required by locals. The tenderers will be encouraged to make use of local community labour.		
Local Leader (Photshaneng)	What will the traffic impact be between Photshaneng and Thekwane?	Impact on traffic flow.	Local Leadership Meeting for SIA study	27/02/2013	Traffic congestion between the communities.	There will be expected increases in the traffic volume during the construction phase of the project however the impact will not be significant. There will be little to no increase in traffic volumes during the operational phase.	To be included in the traffic impact assessment report,	WSP (20/03/2013)
Local Leader (Photshaneng)	The proposed pipelines are passing through the tunnel under the railway near Photshaneng. There is an issue with this tunnel during rain events as people accessing the grave yard via foot or vehicle report that the rain water flows through the tunnel (culvert).	Existing issue with the access to graveyard during rainy season will be exacerbated by the addition of the slurry and return water pipelines.	Local Leadership Meeting for SIA study	27/02/2013	Reduced access to the graveyard area.	The proposed pipelines are not going through the said tunnel.	N/A	N/A
Local Leader (Thekwane Local)	Community must be skilled/educated from this project in terms of how to undertake the EIA process. WSP are to be involved in terms of mentoring. There are two graduates that could be used for this purpose.	The local communities do not see the benefits of these projects for the communities.	Local Leadership Meeting for SIA study	27/02/2013	Lack of economic development and education in the communities.	AAP during future projects will ensure that the contractors/consultants hired have a CSI strategy document for the specific project in which employment opportunities may be created for locals (this will be determined on a case by case basis). The RLM will consult with the local councillors to consolidate the potential sustainable business opportunities and revert back to RPM to determine what RPM can assist with in terms of their	To be determined in the EIA phase and through future projects.	RPM (no associated timeframe)

**ANGLO AMERICAN PLATINUM: THE PROPOSED RE-PROCESSING OF ANGLO AMERICAN PLATINUM'S WATERVAL TAILINGS STORAGE FACILITIES LOCATED IN RUSTENBURG**

IMPACTS								
Stakeholder	Issue	Concern	Source	Date	Implications	Responses	Action Plan	
							Plan	Responsible person and completion date
						required donation as a corporate entity.		
Leadership (Thekwane Local)	Need to ensure that the public meeting communication with communities is improved.	Community cannot get involved if they are not aware of the process.	Local Leadership Meeting for SIA study	27/02/2013	A non-comprehensive EIA process.	WSP during the scoping phase used an extensive stakeholder database compiled from previous projects. In addition, WSP communicated with the communities via the local leaders whom attended the local leadership notification meetings. WSP will update the project database based on all the additional individuals whom have indicated their interest in the project.	WSP to ensure all the interested parties are invited to participate in the process in the EIA phase.	WSP (on-going throughout the EIA process)

## Appendix 5: Green Gain Consulting Applications



## 5.1 Road Crossing Application/Approval – Provincial road authority



**dpwrt**

Department:  
**Public Works; Roads and Transport**  
North West Provincial Government  
Republic of South Africa

Modiri Molema Road  
Provincial Head Office  
Mmabatho, 2735  
Private Bag X 2080, Mmabatho, 2735  
Republic of South Africa  
Tel.: +27 (18) 388 1391  
Fax: +27 (18) 3881984/80  
Cell: 0825466925

**DIRECTORATE: ROADS CAPITAL DEVELOPMENT**

Ref: J van Wyk

Ref: R42 11/2/2 D522 Waterval Mine

**GREEN GAIN  
CONSULTING ENG.  
POSTNET SUITE 15  
PRIVATE BAG X19  
MENLO PARK  
0102**

14 December 2012

Att. Mr. Ipeleng Tsoanamatsie

Your ref:- GG12/TWP/PR/WATERVAL

**APPLICATION TO CONSTRUCT A BULK PIPELINE UNDER AND NEXT TO ROAD  
D522 BETWEEN THE WATERVAL AND HOEDSPRUIT WORKS WITHIN THE  
BOJANALA DISTRICT**

**WAYLEAVE** : ANGLO WATERVAL MINE  
**ROAD NUMBER** : Road D522  
**KM POST** : AS SHOWN ON ATTACHED PLANS  
**SERVICE DESCRIPTION** : BULK TAILINGS MATERIAL PIPELINE UNDER & NEXT  
TO ROAD D522  
**PROPERTY DESCRIPTION** : BETWEEN WATERVAL AND HOEDSPRUIT WORKS  
WITHIN THE JURISDICTION AREA OF THE  
BOJANALA DISTRICT.

With reference to your request in connection with the above-mentioned, I wish to inform you that your application has been approved, subject to the general and specific conditions attached:

**A written confirmation of acceptance of the conditions is required. In the event of not receiving a written acceptance of conditions, the approval is withdrawn and your wayleave will be cancelled.**

Yours faithfully

**DEPUTY DIRECTOR: ROADS**  
cc. Head of Roads Bojanala District.

**NB: THE CONSTRUCTION PERIOD SHOULD NOT BE MORE THAN 12 MONTHS  
FROM THE DATE 07 JANUARY 2013.**

Yours faithfully



A handwritten signature in black ink, appearing to be 'R. M. P.', is written over a horizontal dashed line.

**DEPUTY DIRECTOR: TRANSPORTATION  
DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT  
NORTH WEST PROVINCE  
ATTACHED: *Approved plans***

## 5.2 Rail Crossing Application Pending - Transnet



**APPLICATION FOR AUTHORISATION TO CONSTRUCT INFRASTRUCTURE  
CROSSING RAILWAY LINES**

**SEPTEMBER 2012**

**Ref: GG12/TWP/RL/WATERVAL**

Green Gain Consulting (Pty) Ltd  
PostNet Suite 15  
Private Bag X19  
Menlo Park  
0102

Tel: +27 12 362 6500  
Fax: +27 86 682 3290  
Email: [info@greengain.co.za](mailto:info@greengain.co.za)



**Report detail**

<b>Distribution list</b>			
<b>Name</b>	<b>Position</b>	<b>Company</b>	<b>Contact details</b>
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Alex Kinmont	Senior Project Manager	TWP	AKinmont@twp.co.za

<b>Document drafting</b>	
<b>Author</b>	<b>Editor</b>
Nicolai Massyn Ipeleng Tsoanamatsie	Tersia Swanepoel

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**Confidential and Legally Privileged: Application to construct infrastructure crossing Railway Lines**

## **Executive Summary**

Green Gain Consulting on behalf of the Rustenburg Platinum Mines and its Western Limb Tailings Retreatment (WLTR) operation represented by the Anglo American (Management Services), request authorisation to construct infrastructure across railway lines.

### **Project background**

The WLRT plant is constructed to treat dormant tailings material from the Rustenburg Section tailings storage facility with material from Klipfontein. This facility has been depleted since December 2003. Rustenburg Platinum Mines seeks to replace the raw material from the depleted Klipfontein Tailings facility with Waterval tailings, which will extend the life of WLTR by some 16 years.

Another one of the project objectives are to maintain the WRLT operation and increase throughput by replacing the current Klipfontein tailings dam feed with Waterval tailings, as it is not only cost efficient but also ensures ease of maintainability and minimum environmental impact. All aspects of the project and subsequent operation will be conducted in accordance with the requirements of Zero Harm.

The assigned project team will administer and manage safety, resources, expenditure and risks as well as to ensure pro-active project control is exercised over the whole project.

### **Transnet Rail specific application**

The crossings over Railway lines will be for slurry pipelines containing water milled rock with traces of platinum group metals. The water is filtered slurry with neutral pH and non hazardous. The slurry pipelines will be pressurised to 400NB and with due regard to pressure in the pipelines being high the pipelines will be inspected daily for leaks.

We request authorisation to construct said facilities crossing the railway lines, there will be no alterations to the railway lines, as all work done will be either underneath the railway through existing culverts (at points P13&14, P22& P23. Refer to Annexure B and Annexure C) or over the railway using an existing rail bridge between P11& P12 (refer to annexure A).

The aim of this application is to obtain Transnet authorisation to construct the pipeline conveyance of tailings underneath Transnet Railway lines.

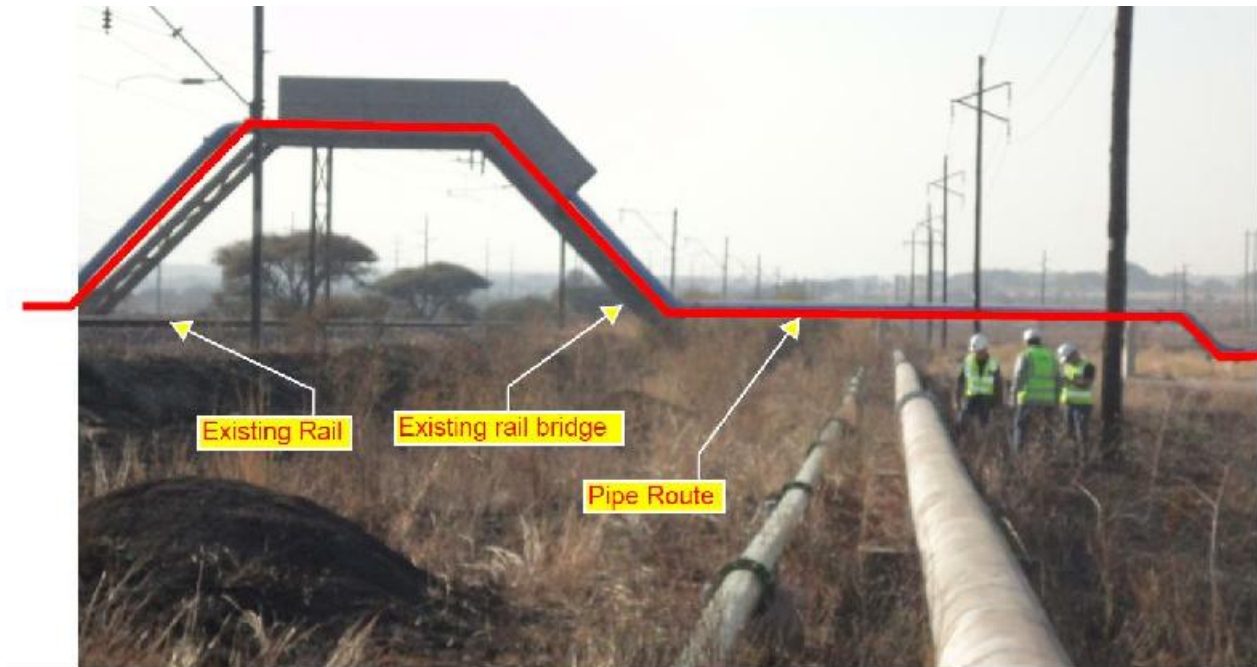
The bulk of the application consists of supporting documentation.

Sincerely,

  
**Adv NS Massyn**  
**Pretoria**  
**21 September 2012**

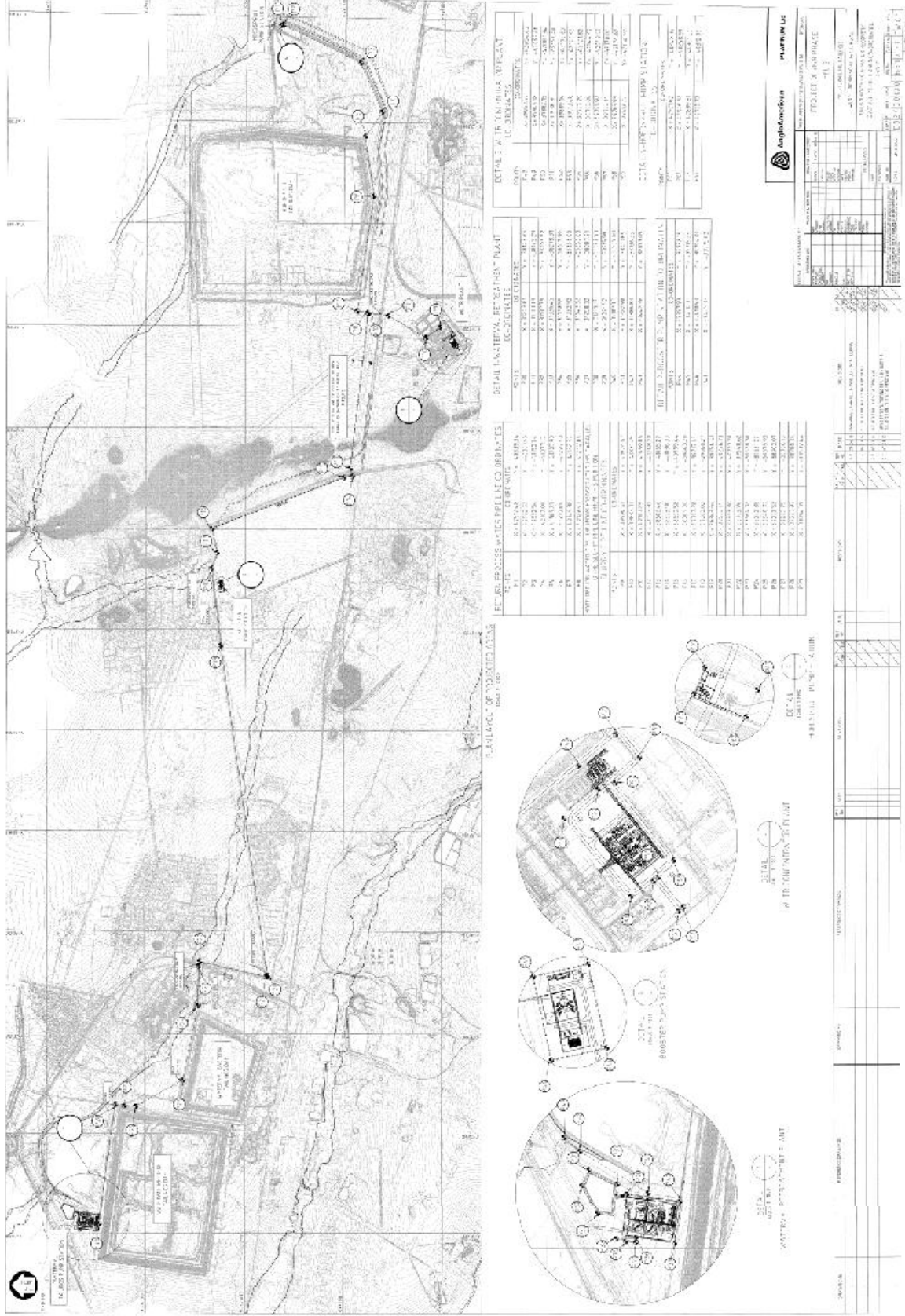
## Annexures

Annexure A: Picture at P11 & P12, over the existing rail bridge.



**Confidential and Legally Privileged: Application to construct infrastructure crossing Railway Lines**

**Annexure B: Map with co-ordinates.**

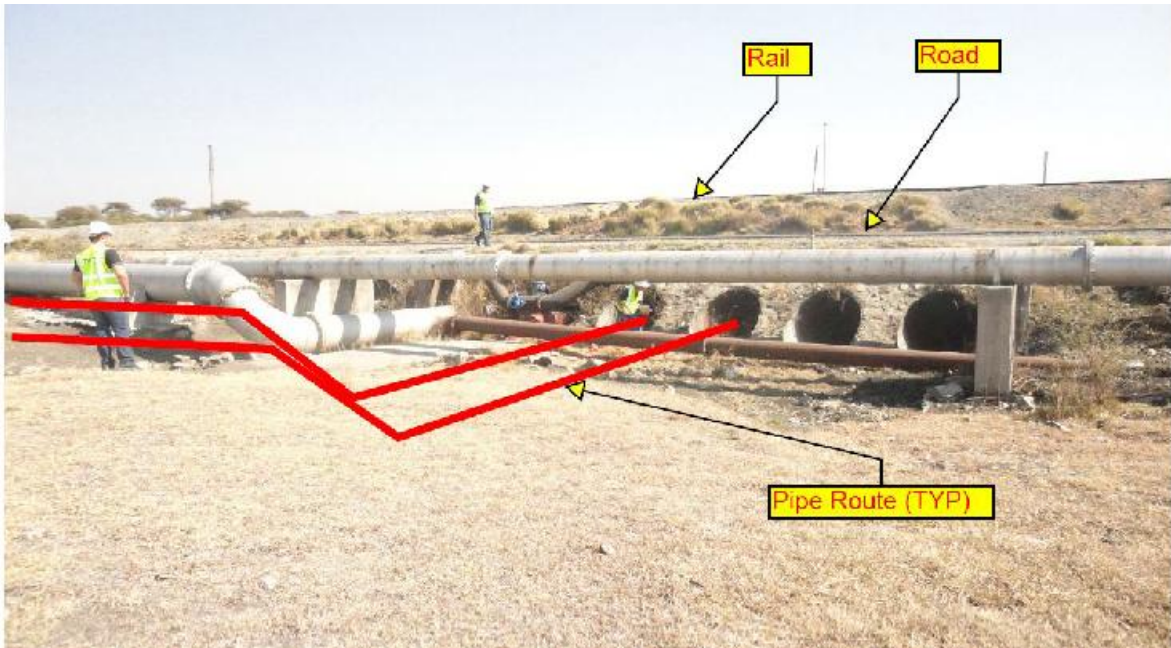




Annexure C: Road & rail crossing at P13 & P14



Annexure D: Road and Rail Crossing at P22 & P23.



## 5.3 Powerline Crossing Application Pending – Eskom



**Anglo Waterval Mine reworks Project: Construction Application close to ESKOM  
powerlines**

**SEPTEMBER 2012**

**Ref: GG12/TWP/EP/WATERVAL**

Green Gain Consulting (Pty) Ltd  
PostNet Suite 15  
Private Bag X19  
Menlo Park  
0102

Tel: +27 12 362 6500  
Fax: +27 86 682 3290  
Email: [info@greengain.co.za](mailto:info@greengain.co.za)

**Report detail**

<b>Distribution list</b>			
<b>Name</b>	<b>Position</b>	<b>Company</b>	<b>Contact details</b>
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Alex Kinmont	Senior Project Manager	TWP	AKinmont@twp.co.za

<b>Document drafting</b>	
<b>Author</b>	<b>Editor</b>
Nicolai Massyn Ipeleng Tsoanamatsie	Tersia Swanepoel



## Contents

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Annexure A: Eskom points crossings and direction, in accordance with Map.	5
Annexure B: Map with co-ordinates	6

## **Executive Summary**

Green Gain Consulting on behalf of the Rustenburg Platinum Mines and its Western Limb Tailings Retreatment (WLTR) operation represented by the Anglo American (Management Services), requires authorisation to construct infrastructure in the vicinity of Eskom Power lines.

## **Project background**

The WLRT plant is constructed to treat dormant tailings material from the Rustenburg Section tailings storage facility with material from Klipfontein. This facility has been depleted since December 2003. Rustenburg Platinum Mines seeks to replace the raw material from the depleted Klipfontein Tailings facility with Waterval tailings, which will extend the life of WLTR by some 16 years.

Another one of the project objectives are to maintain the WRLT operation and increase throughput by replacing the current Klipfontein tailings dam feed with Waterval tailings, as it is not only cost efficient but also ensures ease of maintainability and minimum environmental impact. All aspects of the project and subsequent operation will be conducted in accordance with the requirements of Zero Harm.

The assigned project team will administer and manage safety, resources, expenditure and risks as well as to ensure pro-active project control is exercised over the whole project.

## **Eskom Specific**

The authorisation required from Eskom is to allow pipeline crossings over 88 kV transmission line servitudes. The pipeline will be at a height of no more than 500 mm above ground level except for points P6, P7 and P8 on map (refer to annexure B) where the pipeline will have a height of no more than 2 000 mm above ground level. Work will only be conducted below the power lines at the crossings (P1 to P14) as indicated on the map contained in Annexure B.

The aim of this application is to obtain ESKOM authorisation to construct the pipeline conveyance of tailings on, and crossing over, Eskom servitudes.

The bulk of the application consists of supporting documentation.

Sincerely,



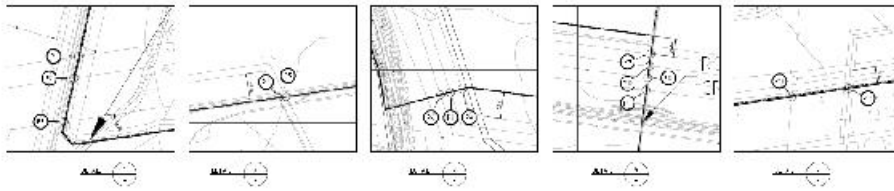
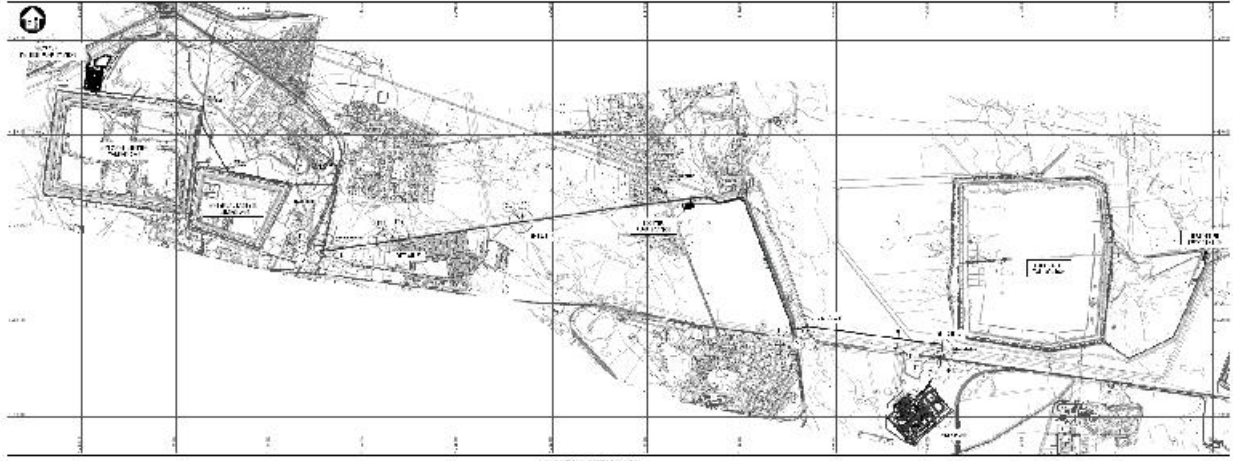
**Adv NS Massyn**  
**Pretoria**  
**21 September 2012**

## Annexures

### Annexure A: Eskom points crossings and direction, in accordance with Map.

Points	Direction
P1	Perpendicular
P2	Perpendicular
P3	Perpendicular , then runs parallel at a distance of 24.38m
P4	Parallel at a distance of 80.54m, then crosses point Perpendicular
P5	Perpendicular
P6	Perpendicular
P7	Perpendicular
P8	Perpendicular, then runs parallel(52.04m)
P9	Parallel at a distance of 30.96 m, then crosses point perpendicular
P10	Perpendicular
P11	Perpendicular
P12	Perpendicular
P13	Perpendicular
P14	Perpendicular, then parallel (13.22m)

**Annexure B: Map with co-ordinates**



STATION	CHORD BEARING	CHORD DISTANCE
1	112° 15' 00"	100.0000
2	102° 15' 00"	100.0000
3	92° 15' 00"	100.0000
4	82° 15' 00"	100.0000
5	72° 15' 00"	100.0000
6	62° 15' 00"	100.0000
7	52° 15' 00"	100.0000
8	42° 15' 00"	100.0000
9	32° 15' 00"	100.0000
10	22° 15' 00"	100.0000
11	12° 15' 00"	100.0000
12	2° 15' 00"	100.0000
13	358° 15' 00"	100.0000
14	348° 15' 00"	100.0000
15	338° 15' 00"	100.0000
16	328° 15' 00"	100.0000
17	318° 15' 00"	100.0000
18	308° 15' 00"	100.0000
19	298° 15' 00"	100.0000
20	288° 15' 00"	100.0000



## Appendix 6: Detailed infrastructure layout drawings

- 6.1 Proposed Waterval TSFs reclamation design drawing (Fraser Alexander Drawing)
- 6.2 Proposed Waterval Pre-treatment Plant infrastructural layout drawing (TWP Drawing)
- 6.3 Proposed Booster Station facility layout drawing (TWP Drawing)
- 6.4 Proposed infrastructural upgrade at the WLTR Plant (TWP Drawing)
- 6.5 Proposed infrastructural upgrade at the Hoedspruit Pump Station (TWP Drawing)





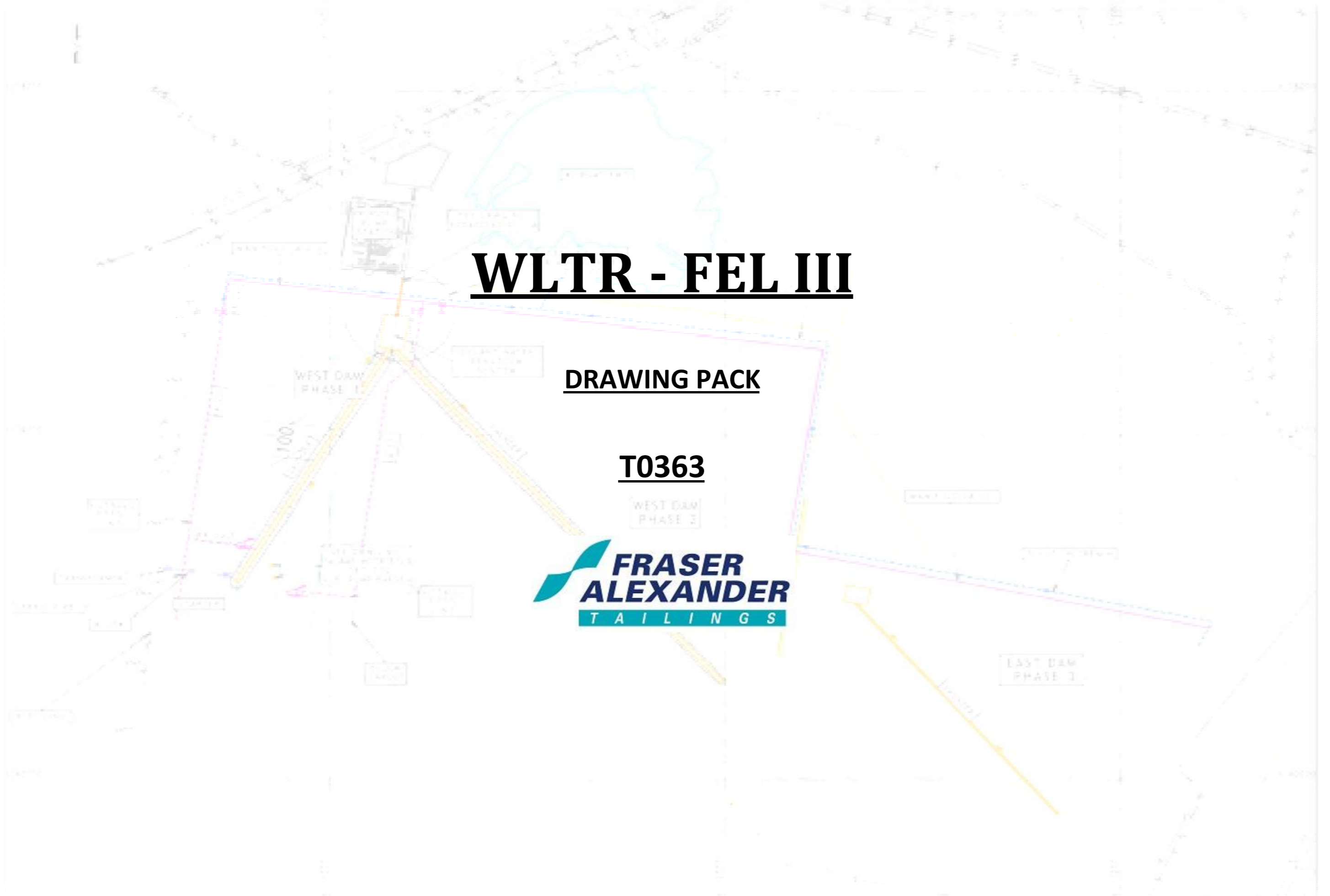


# Proposed Waterval TSFs reclamation design drawing

# WLTR - FEL III

DRAWING PACK

T0363



**DRAWING REGISTER**

<b>DRAWING NUMBER</b>	<b>Rev.</b>	<b>DESCRIPTION</b>
FA/WLTR/FEL3/LP-001	0	<b>EAST AND WEST DAMS LOCALITY PLAN</b>
FA/WLTR/FEL3/GA-002	0	<b>EAST AND WEST DAMS GENERAL ARRANGEMENT</b>
FA/WLTR/FEL3/DET-003	0	<b>EAST AND WEST DAMS COLLECTION SUMP AND TYPICAL DETAILS</b>





INFORMATION PURPOSES ONLY

No.	Amendments	Date

Client:



FRASER ALEXANDER TAILINGS



P.O. Box 14644  
WITFIELD 1467  
GAUTENG  
SOUTH AFRICA  
TEL. (011) 929 3600  
FAX. (011) 397 3006

Designed: MGW	Date : Oct. 2012
Drawn : RS	Date : Oct. 2012
Checked: MGW	Date : Oct. 2012
Approved :	Date :

Project Engineer:

Project Title:  
**WLTR - FEL III**  
**RECLAIMING OF WATERVAL**

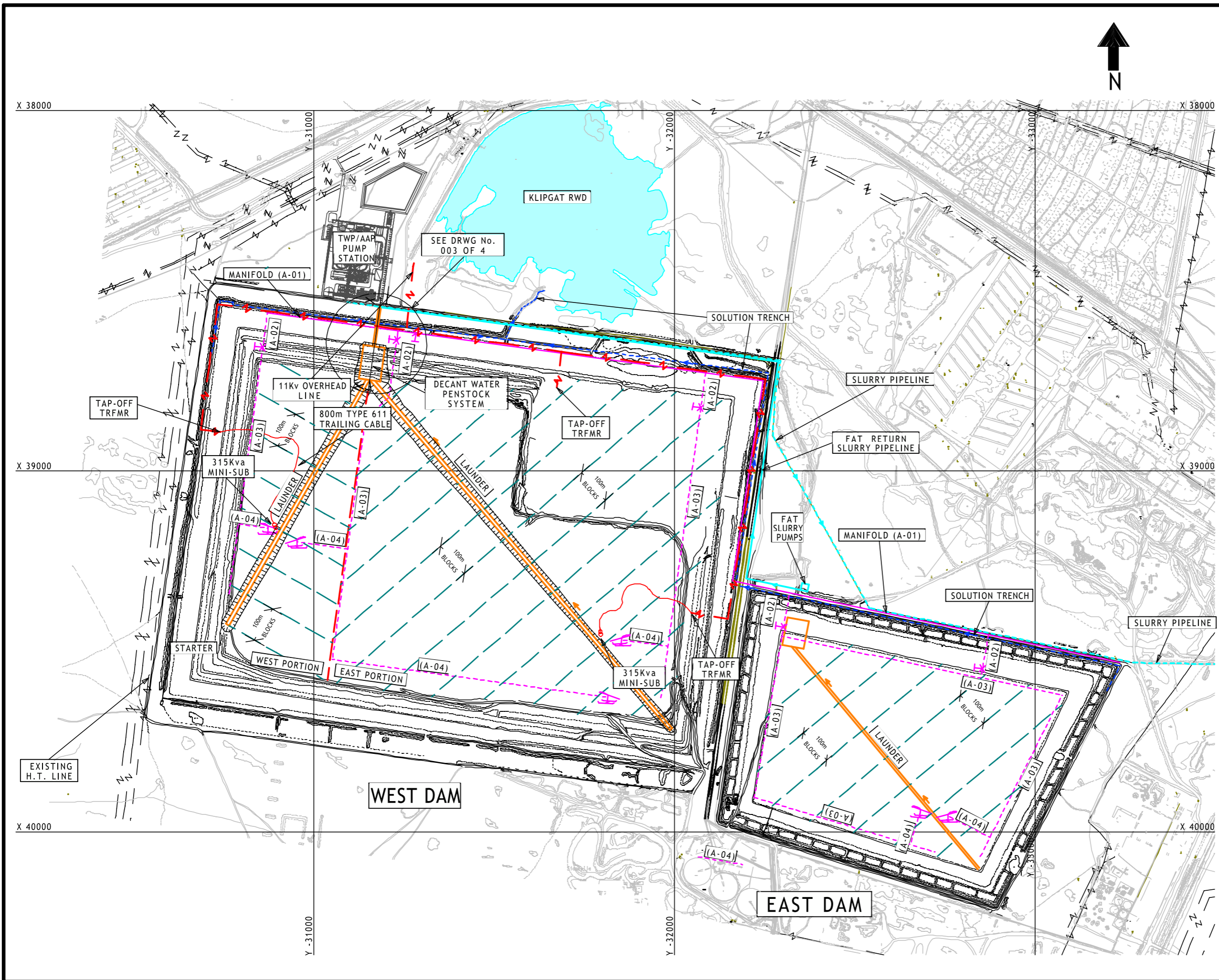
Title:  
**EAST AND WEST DAMS**  
**LOCALITY PLAN**

Scale: 1 : 10000 @ A3

Project Number:

Drawing Number :	Rev:
FA WLTR FEL3 LP 001	0





NOTES  
 1. EXISTING/NEW SOLUTION TRENCH TO BE IN OPERATIONAL ORDER

PIPE WORK LEGEND	
ITEM	DESCRIPTION
A-01	400mm NB x 390.4mm ID MANIFOLD AT TOE OF DAM
A-07	300mm NB x 311.9mm ID TEE OFF PIECE TO TOP OF DAM
A-03	200mm NB x 211.1mm ID IN DAM VICTAULIC PIPE
A-04	150mm NB x 158.1mm ID IN DAM VICTAULIC PIPE

No.	Amendments	Date
-----	------------	------

Client:

FRASER ALEXANDER TAILINGS

P.O. Box 14644  
 WITFIELD 1467  
 GAUTENG  
 SOUTH AFRICA  
 TEL. (011) 929 3600  
 FAX. (011) 397 3006

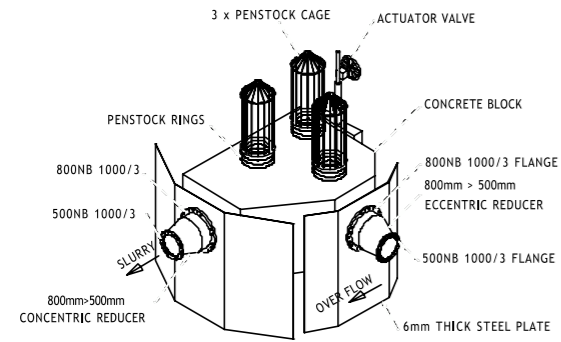
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Drawn: RS	Date: Oct. 2012
Checked: MGW	Date: Oct. 2012
Approved:	Date:

Project Engineer:

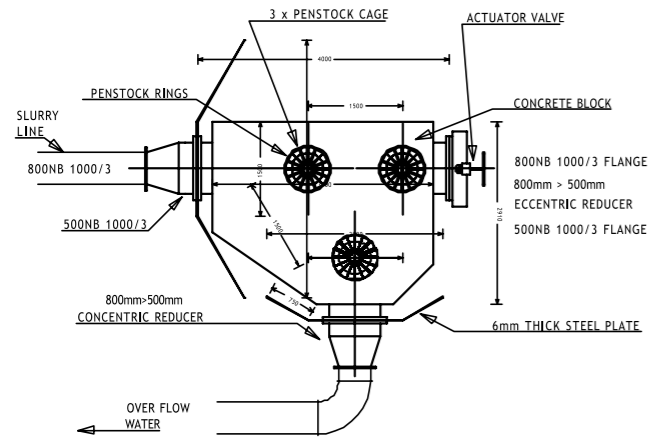
Project Title:  
**WLTR - FEL III**  
**RECLAIMING OF WATERVAL**

Title:  
**EAST AND WEST DAMS**  
**GENERAL ARRANGEMENT**

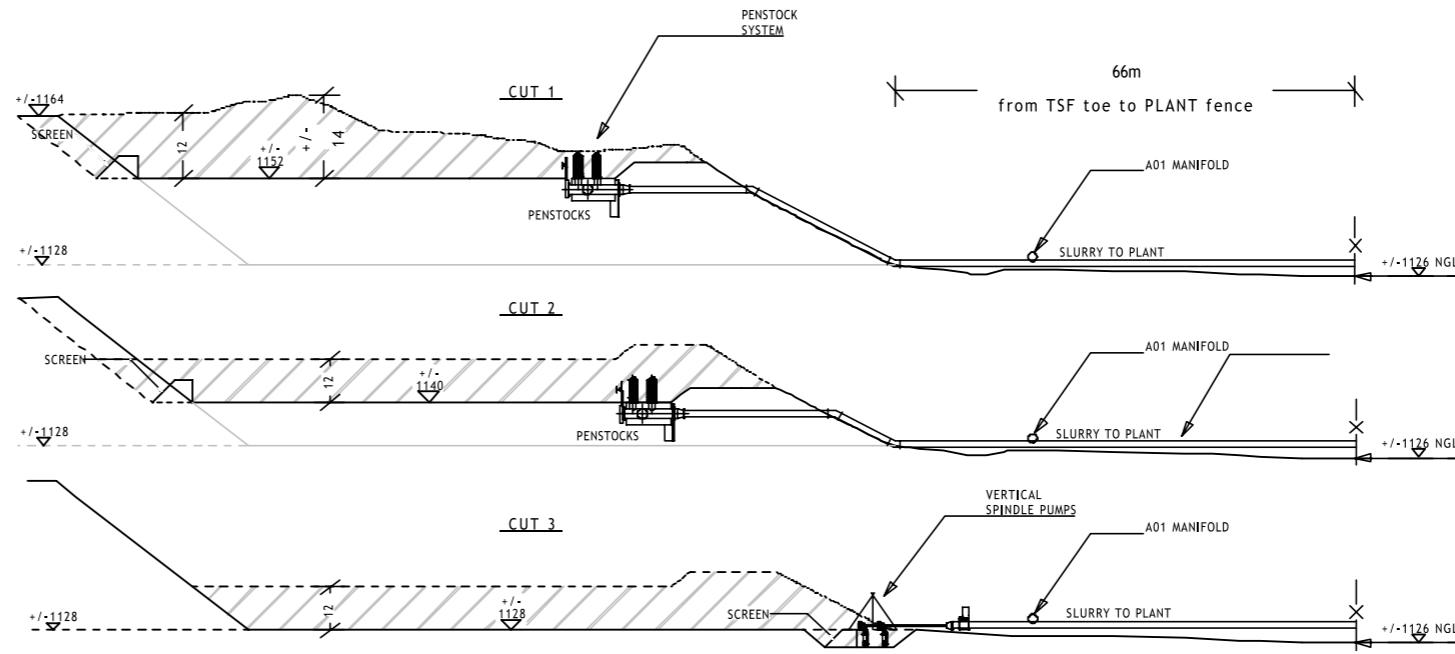
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Project Number:	
Drawing Number: <b>FA WLTR FEL3 GA 002</b>	Rev: <b>0</b>



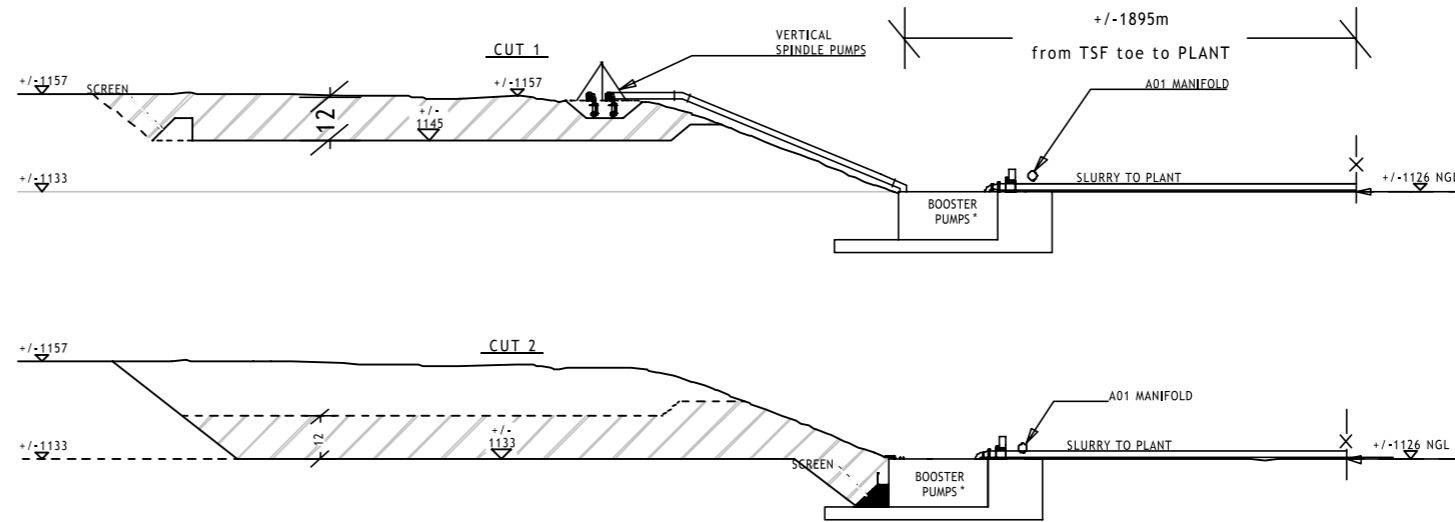
PENSTOCK ISOMETRIC VIEW



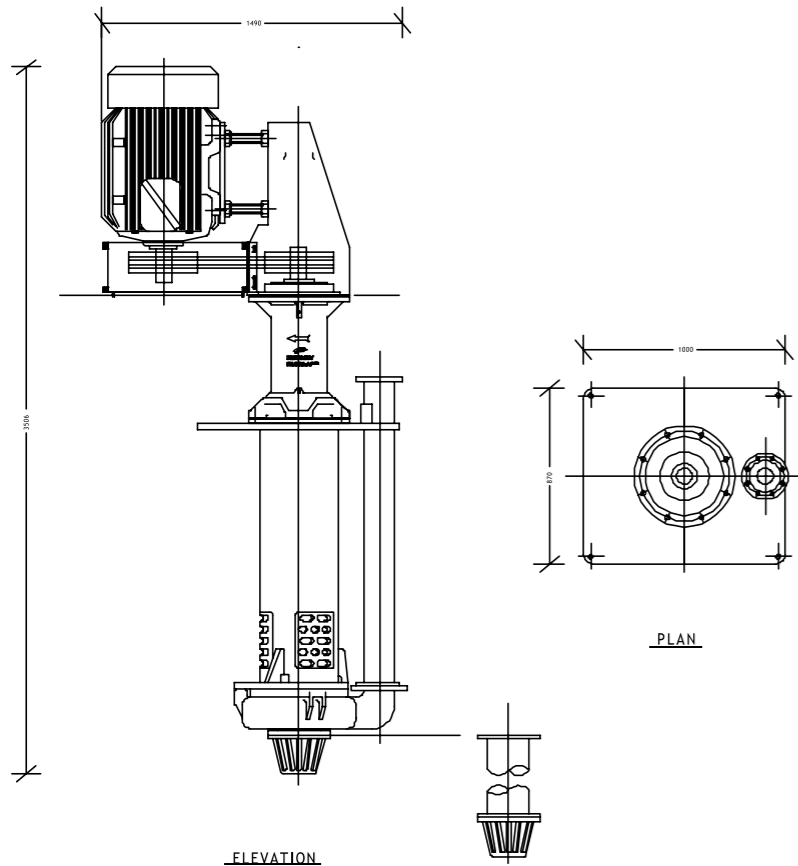
PENSTOCK PLAN VIEW



TYPICAL SECTION WEST TAILINGS DAM



TYPICAL SECTION EAST TAILINGS DAM



ELEVATION

PLAN

VERTICAL SPINDLE PUMP

\* 4 x 12/10 FAM-AH-RUBBER SLURRY PUMPS  
C/W 200kw MOTORS  
(2 RUNNING, 2 STAND-BY)

INFORMATION PURPOSE ONLY

NOTES:

WEST TSF

- (1) Cut 1 and Cut 2 = gravity feed
- (2) Cut 3 = VSP (No.2)

EAST TSF

- (1) Booster pumps (2No.) @ toe of TSF
- (2) Penstock intake with slurry pipe and over flow water line

NGL: Natural Ground Level

No.	Amendments	Date



Designed : MGW	Date : Oct. 2012
Drawn : RS	Date : Oct. 2012
Checked : MGW	Date : Oct. 2012
Approved :	Date :

Project Engineer:  
Project Title:  
WLTR - FEL III  
RECLAIMING OF WATERVAL

Title:  
EAST AND WEST DAMS  
COLLECTION SUMP  
TYPICAL DETAILS

Scale: N.T.S.  
Project Number: T0377

Drawing Number :	Here: Rev:
FA WLTR FEL3 DET 003	0

# Proposed Waterval Pre-treatment Plant infrastructural layout drawing

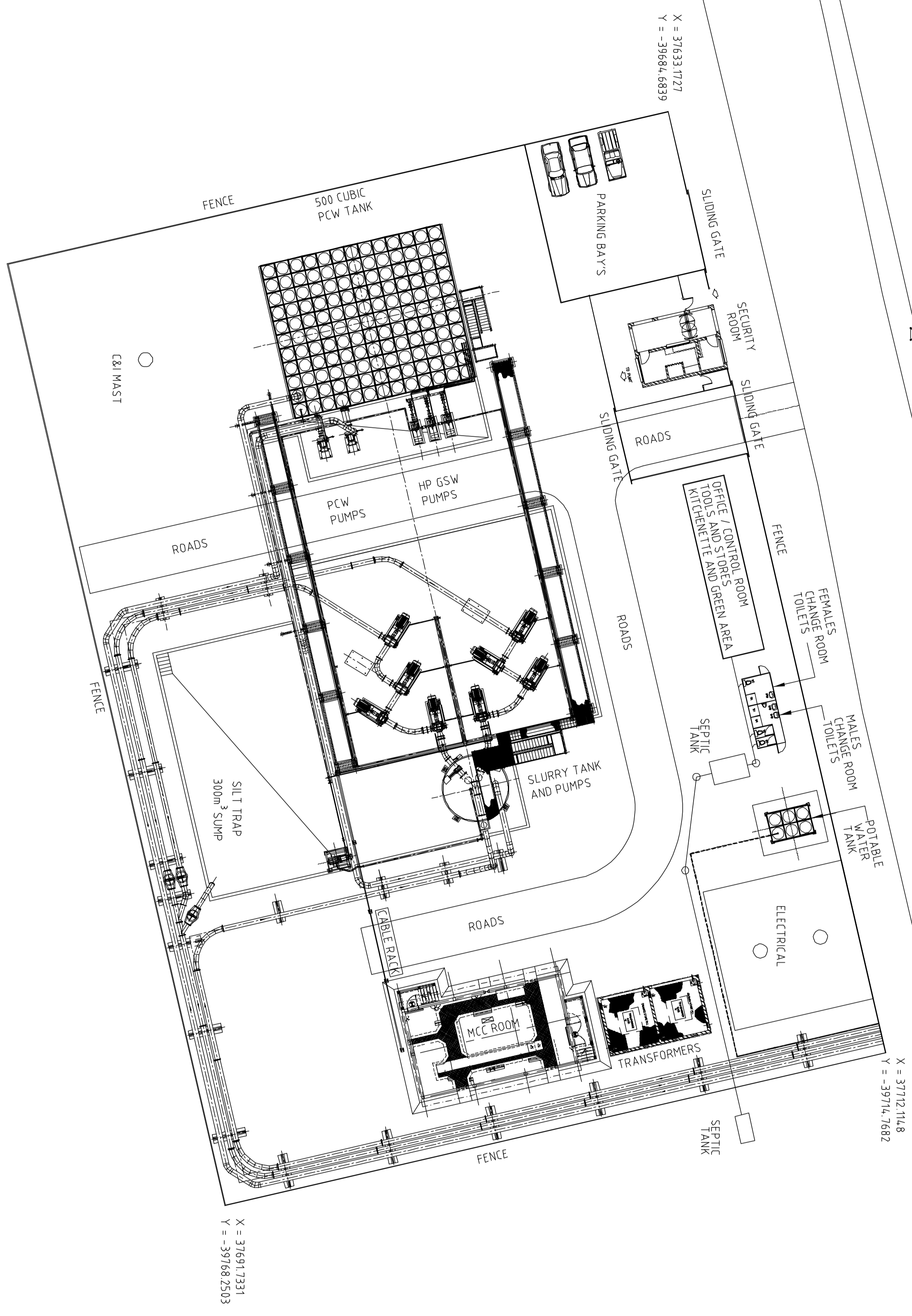
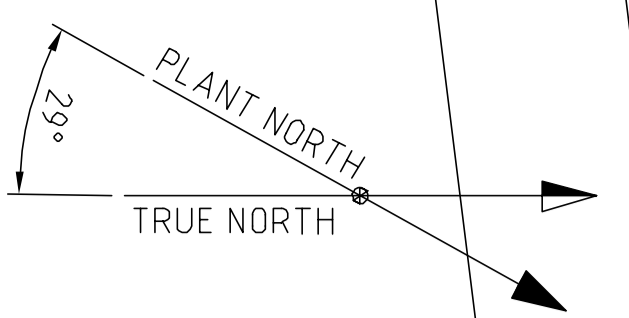








# Proposed Booster Station facility layout drawing



X = 37612.7911  
Y = -39738.1660

DRAWING No	REFERENCE DRAWINGS	DRAWING No	REFERENCE DRAWINGS	REV No	DATE	REVISIONS	BY	SL	CHK	ENG	REV No	DATE	REVISIONS	BY	SL	CHK	ENG
EE2.400.05.0164.31.01.TW	OVERLAND PIPING TO GRND. ELEVATION LAYOUT										0.1	13/06/12	ISSUED FOR COMMENT				
											0.2	10/07/12	ISSUED FOR SQUAD CHECK				
											0.3	09/11/12	ISSUED FOR APPROVAL				
											0.4	14/12/12	SIGNATURES TRANSFERRED				

DO NOT SCALE

OPERATIONS UNIT	PROJECTS & ENGINEERING	CONTRACTOR / CONSULTANT
OPERATIONS MANAGER JW 07/12/12	MECH ENGINEER 12/12/12	BRANK TUDW 13/06/12
MANAGER JW 07/12/12	ELECTRICAL ENGINEER 12/12/12	CHECKED N.N. 29/07/12
MANAGER JW 07/12/12	PROJECT COORDINATOR 12/12/12	DESIGNER A.J. 19/11/12
MANAGER JW 07/12/12	PROJECT COORDINATOR 12/12/12	DESIGNER J.G. 26/11/12
MANAGER JW 07/12/12	PROJECT COORDINATOR 12/12/12	DESIGNER P.R. 27/11/12

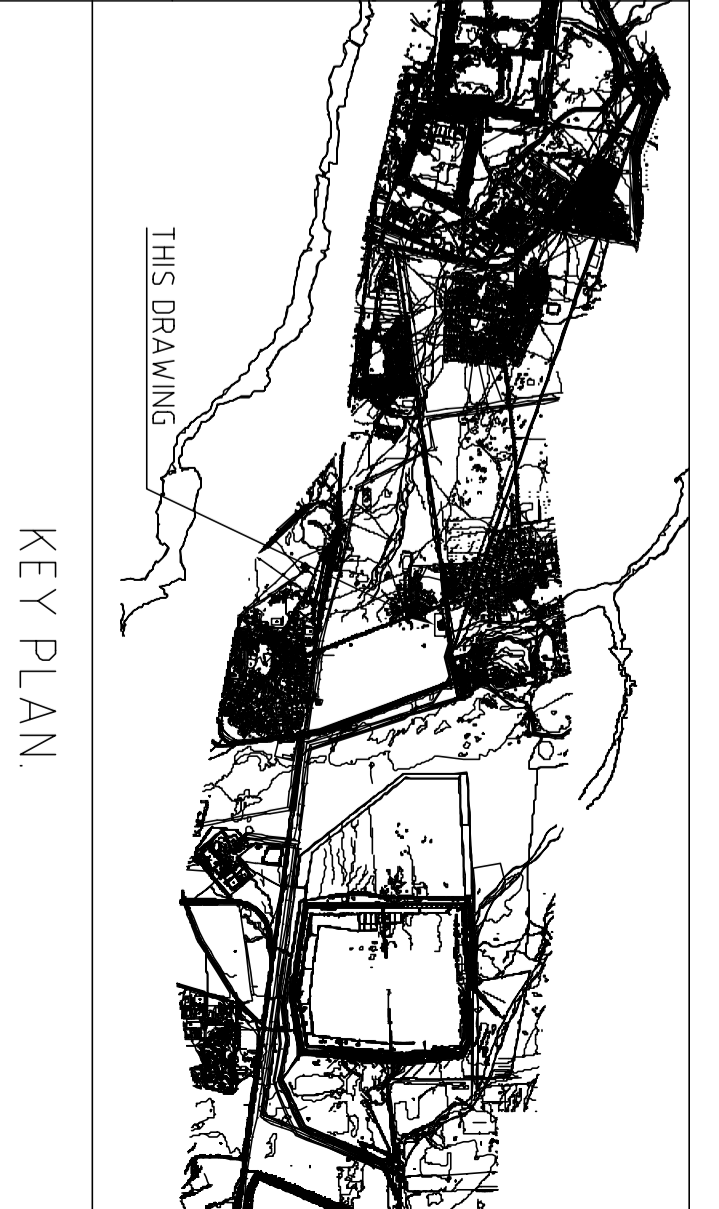
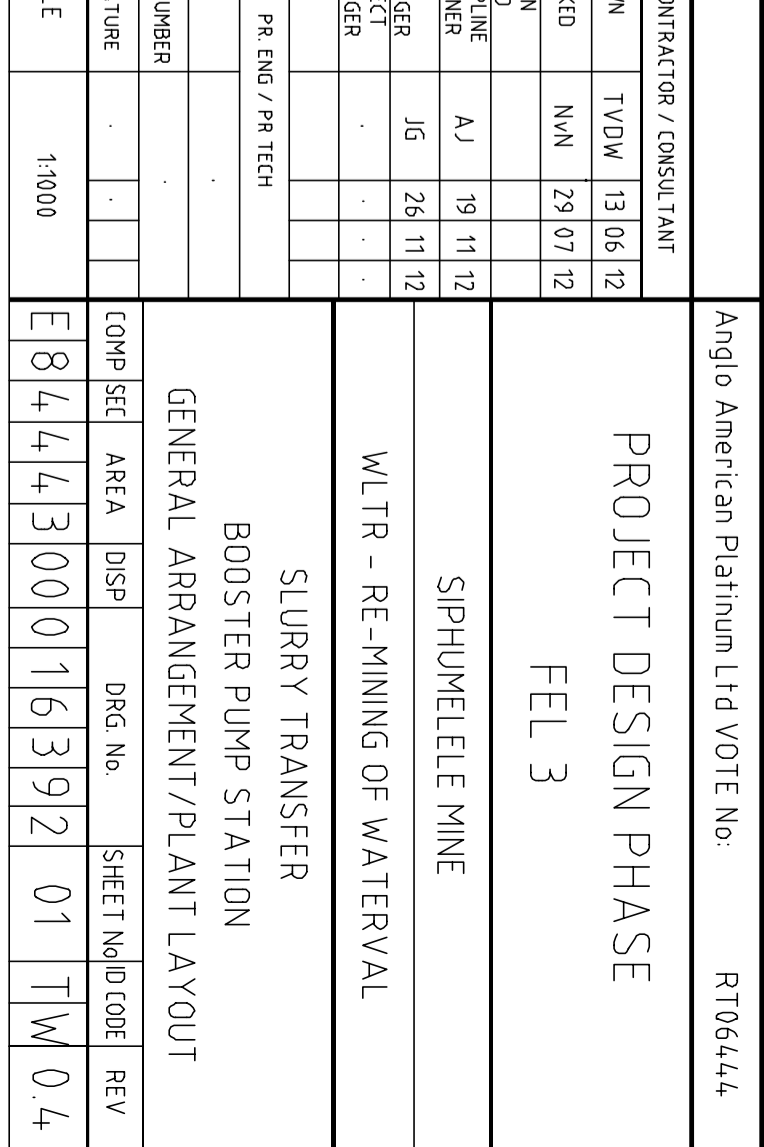
OPERATIONS UNIT	PROJECTS & ENGINEERING	CONTRACTOR / CONSULTANT
OPERATIONS MANAGER JW 07/12/12	MECH ENGINEER 12/12/12	BRANK TUDW 13/06/12
MANAGER JW 07/12/12	ELECTRICAL ENGINEER 12/12/12	CHECKED N.N. 29/07/12
MANAGER JW 07/12/12	PROJECT COORDINATOR 12/12/12	DESIGNER A.J. 19/11/12
MANAGER JW 07/12/12	PROJECT COORDINATOR 12/12/12	DESIGNER J.G. 26/11/12
MANAGER JW 07/12/12	PROJECT COORDINATOR 12/12/12	DESIGNER P.R. 27/11/12

NAME	REG NUMBER	SIGNATURE	SCALE
			1:1000

COMP	SECT	AREA	DISP	DRG No.	SHEET No	CODE	REV
E	8	4	4	3	0001	63	92 01 TW 04

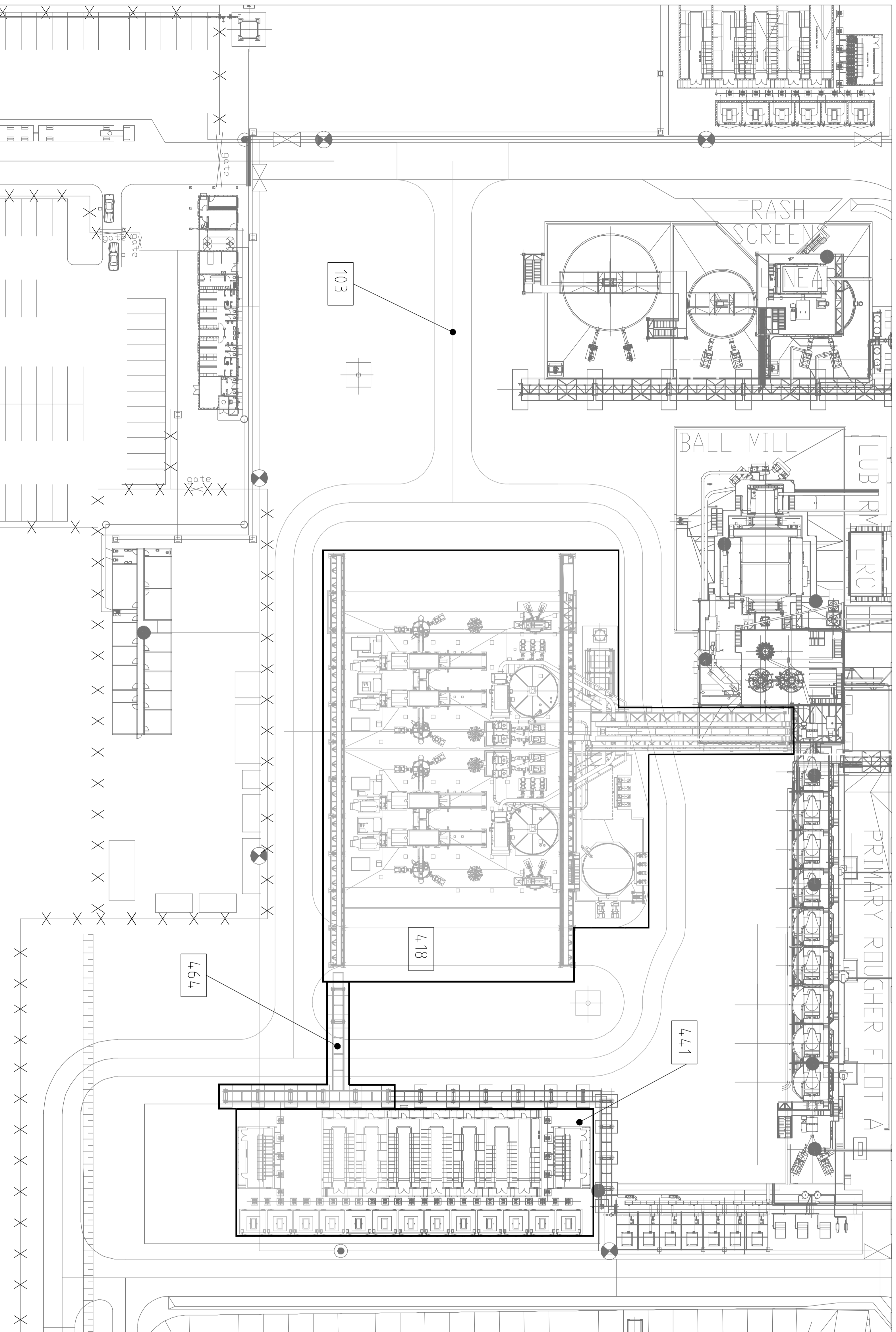
PROJECT DESIGN PHASE	FEL 3
SIPHUMELELE MINE	
SLURRY TRANSFER BOOSTER PUMP STATION	
GENERAL ARRANGEMENT/PLANT LAYOUT	

CONSULTANT'S DRAWING No	RT064444
Anglo American Platinum Ltd VOTE No.	





# Proposed infrastructural upgrade at the WLTR Plant



AREA LIST	
AREA CODE	AREA DESCRIPTION
103	ROADS & DRAINAGE
418	ISA REGRIND MILLING
441	MAIN CONSUMER SUB
464	PLANT PIPING COLUMNS AND RACKS

DRAWING No	REFERENCE DRAWINGS	DRAWING No	REV	DATE	REVISIONS	BY	SI	REV	DATE	REVISIONS	BY	SI
E83 100 00 016101 01 TW	WLTR RECLAIMING AREA FACILITY CODE PLAN		0.6	10/4/12	ISSUED FOR CLIENT APPROVAL	NAN	ENR	0.1	12/06/12	DRAWING STARTED & ISSUED FOR CHECKING	NAN	ENR
E84 100 00 016102 01 TW	WLTR BOOSTER PP STATION FACILITY CODE PLAN		0.7	09/11/12	UPDATED AND ISSUED FOR APPROVAL	SC	ENR	0.2	28/06/12	ISSUED FOR INTERNAL COMMENT	NAN	ENR
E87 100 00 016104 01 TW	WLTR HOEDSPRUIT PP STATION FAC CODE PLAN		0.8	22/11/12	SIGNATURES TRANSFERRED	TJDM	ENR	0.3	07/08/12	ISSUED FOR CLIENT APPROVAL	NAN	ENR
								0.4	17/08/12	AREA CODE UPDATED & ISSUED FOR CLIENT APPROVAL		
								0.5	21/09/12	ISSUED FOR DESIGN & CHECKING		

DO NOT SCALE

CONSULTANTS DRAWING No		OPERATIONS UNIT		PROJECTS & ENGINEERING		CONTRACTOR/CONSULTANT	
MANAGER	JW	7	12	12	12	DRAWN	TVDW
ENGINEERING						CHECKED	LGD
MANAGER						DESIGN	
PROJECT						DISBURSE	AJ
SAFETY						COORD	JG
PROTECTION						MANAGER	21
PROCESS						AREA	11
						MANAGER	12
						ENGINEER	
						ENGINEER	

**AngloAmerican** **PLATINUM Ltd**

Anglo American Platinum Ltd VOTE No. RT06444

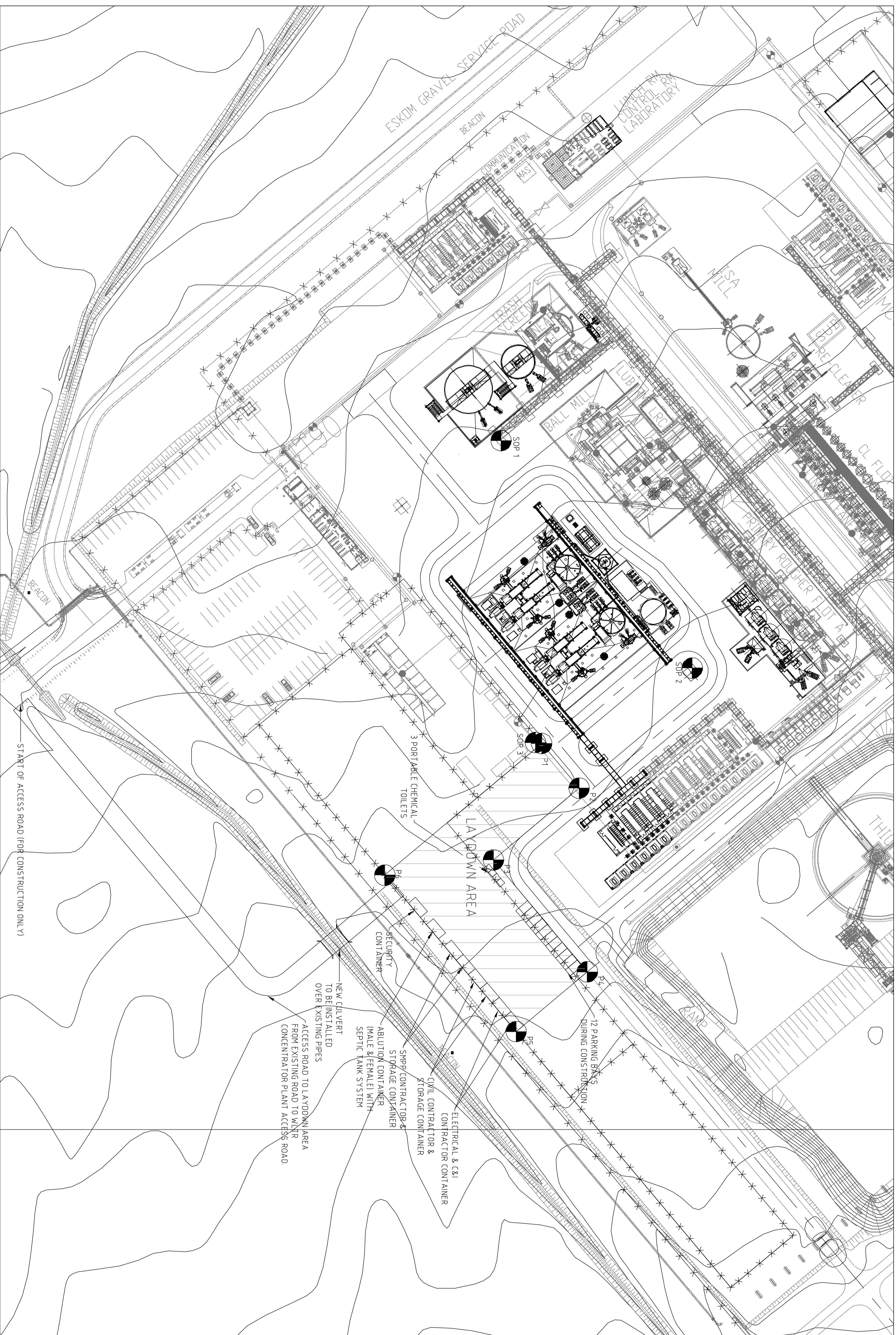
PROJECT DESIGN PHASE  
FEL 3

WESTERN LIMB TAILINGS  
WLTR - RE-MINING OF WATERVAL

GENERAL AND SITE DEVELOPMENT  
WLTR CONCENTRATOR PLANT  
FACILITY CODE PLAN

COMP SET AREA DISP PRG No SHEET No/D CODE REV  
E8210100016100 01 TW 08





PLAN ON WLTR CONCENTRATOR PLANT

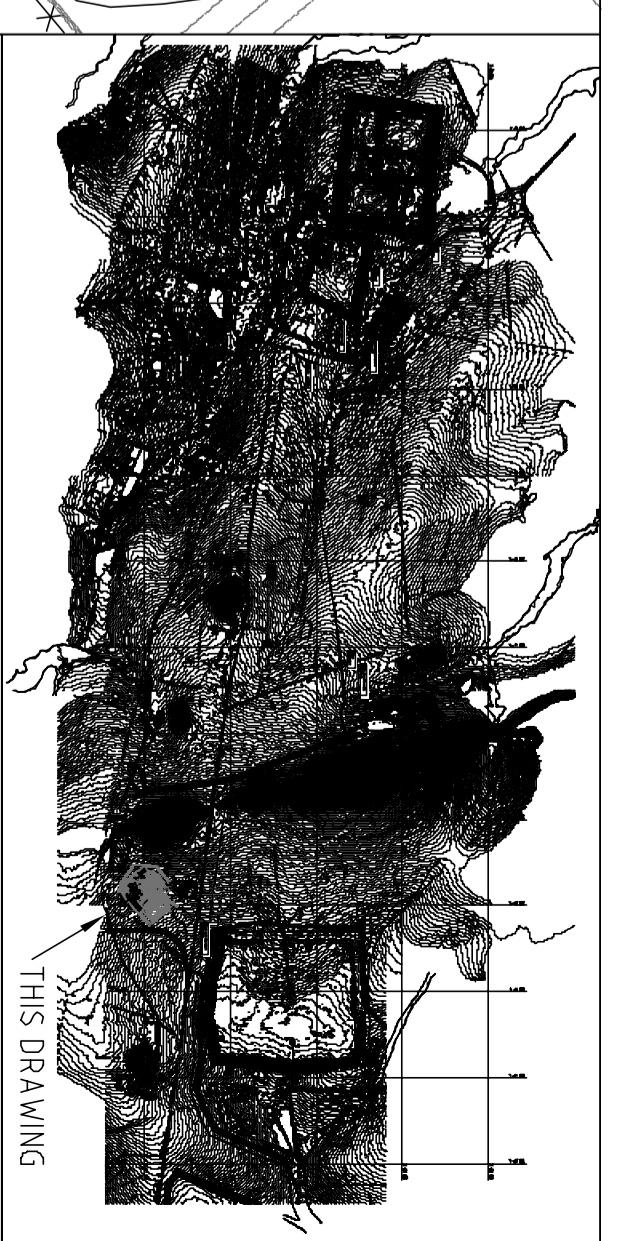
SCALE 1 : 500

DRAWING No	REFERENCE DRAWINGS	DRAWING No	REV No	DATE	REVISIONS	BY	SL	CHK	ENG	REV No	DATE	REVISIONS	BY	SL	CHK	ENG
										0.1	10/09/12	DRAWING STARTED				
										0.2	10/09/12	ISSUED FOR SQUAD CHECK				
										0.3	08/11/12	ISSUED FOR APPROVAL				
										0.4	07/12/12	SIGNATURES TRANSFERRED				

DO NOT SCALE

OPERATIONS UNIT		PROJECTS & ENGINEERING	
MANAGER	JW	7/12/12	ENGINEER
ENGINEER			
DESIGNER			
CHK			
MANAGER			
PROCESS		CONTRACTOR & ENGINEERING	
MANAGER			
DESIGNER			
CHK			
MANAGER			
PROJECT		CONTRACTOR & ENGINEERING	
MANAGER	PM	4/12/12	MANAGER
DESIGNER			
CHK			
MANAGER	AS	20/11/12	MANAGER
DESIGNER			
CHK			
MANAGER	RE	27/11/12	MANAGER
DESIGNER			
CHK			
MANAGER			

CONSULTANT'S DRAWING No		CONTRACTOR / CONSULTANT	
MANAGER	JW	7/12/12	ENGINEER
ENGINEER			
DESIGNER			
CHK			
MANAGER			
PROJECT		CONTRACTOR & ENGINEERING	
MANAGER	PM	4/12/12	MANAGER
DESIGNER			
CHK			
MANAGER	AS	20/11/12	MANAGER
DESIGNER			
CHK			
MANAGER	RE	27/11/12	MANAGER
DESIGNER			
CHK			
MANAGER			



KEYPLAN  
SOP CO-ORDINATES

S.O.P.	X	Y
S.O.P. 1	X = 391777.84	Y = -42131.74
S.O.P. 2	X = 39851.25	Y = -42070.09
S.O.P. 3	X = 39875.25	Y = -42120.65
P1	X = 39875.57	Y = -42118.66
P2	X = 39889.96	Y = -42105.59
P3	X = 39913.12	Y = -42134.18
P4	X = 39949.17	Y = -42103.93
P5	X = 39968.45	Y = -42126.90
P6	X = 39918.01	Y = -42169.23

NOTES:

1. WATER SUPPLY:  
CONSTRUCTION WATER TO BE SUPPLIED BY KLIPGAT PUMP STATION.  
POTABLE WATER TO BE SUPPLIED BY CONTRACTOR UNTIL POTABLE WATER OFF TAKE POINT FROM THE WLTR CONCENTRATOR PLANT IS COMPLETED.
2. POWER SUPPLY:  
POWER AVAILABLE FROM FEEDER MCC IN AREA 4.41 AT 525V.  
CONTRACTOR TO PROVIDE HIS OWN CABLING, TERMINATION & DISTRIBUTION BOARD.
3. EFFLUENT DISPOSAL:  
PORTABLE CHEMICAL TOILETS TO BE UTILIZED FOR LABOUR.  
ABLUTION CONTAINERS FOR ADMIN STAFF WITH A SEPTIC TANK SYSTEM.  
IT IS TO THE CONTRACTOR'S RESPONSIBILITY FOR THE UPKEEP OF THE ABLUTION FACILITIES AS WELL AS THE DISPOSAL OF EFFLUENT.
4. ACCOMMODATION UNITS:  
NO PROVISION MADE FOR ACCOMMODATION UNITS.
5. CONTAINER SIZE = 6m x 3m.



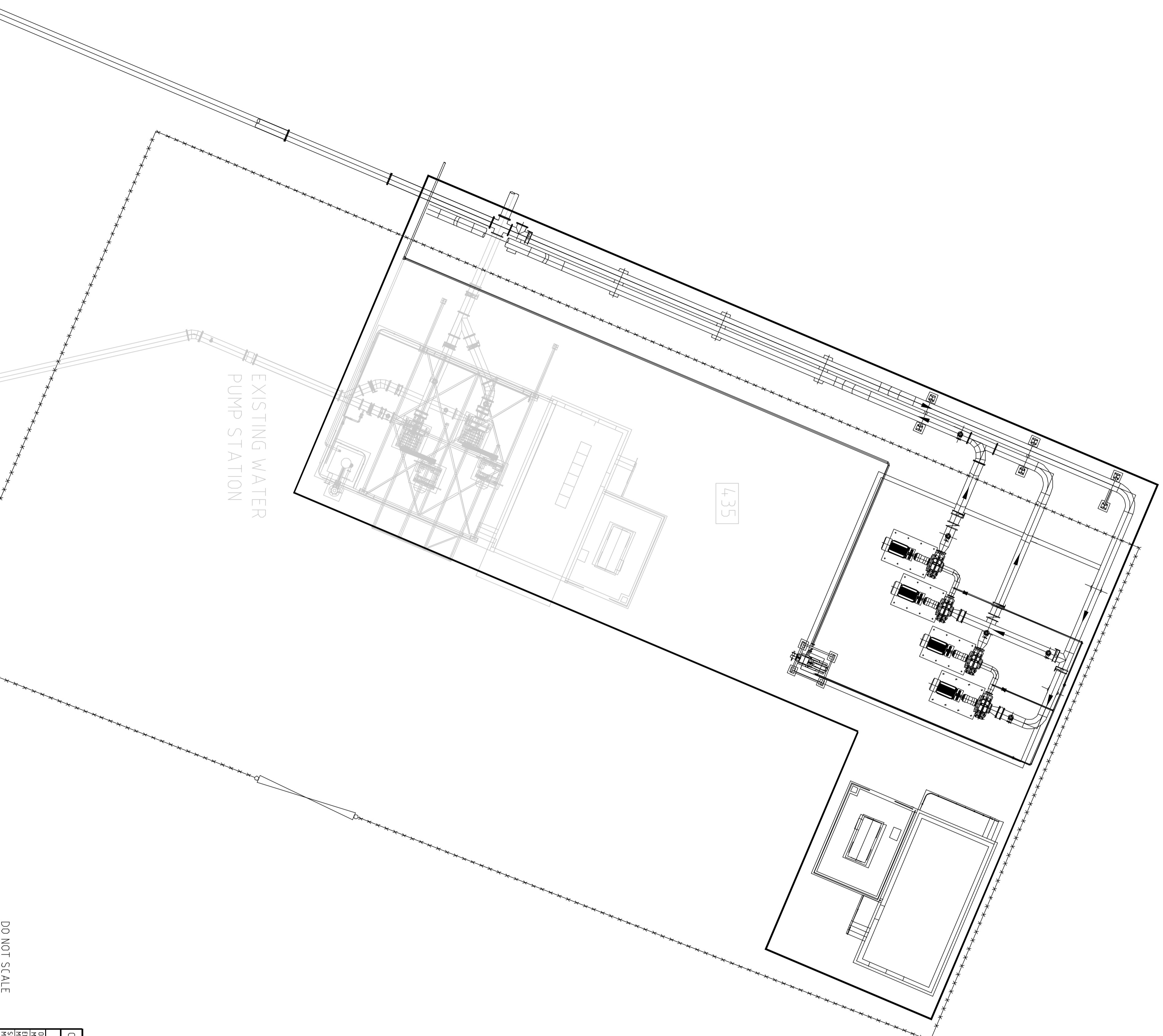
PROJECT DESIGN PHASE		CONTRACTOR / CONSULTANT	
MANAGER	TVDW	7/10/09/12	ENGINEER
ENGINEER			
DESIGNER			
CHK			
MANAGER			
PROJECT		CONTRACTOR & ENGINEERING	
MANAGER	AS	20/11/12	MANAGER
DESIGNER			
CHK			
MANAGER	JG	21/11/12	MANAGER
DESIGNER			
CHK			
MANAGER			

GENERAL & SITE DEVELOPMENT		CONTRACTOR / CONSULTANT	
MANAGER	JW	7/12/12	ENGINEER
ENGINEER			
DESIGNER			
CHK			
MANAGER			
PROJECT		CONTRACTOR & ENGINEERING	
MANAGER	PM	4/12/12	MANAGER
DESIGNER			
CHK			
MANAGER	AS	20/11/12	MANAGER
DESIGNER			
CHK			
MANAGER			

# Proposed infrastructural upgrade at the Hoedspruit Pump Station



AREA CODES	AREA DESCRIPTION
L35	TAILINGS DAM



EXISTING WATER  
PUMP STATION

DO NOT SCALE

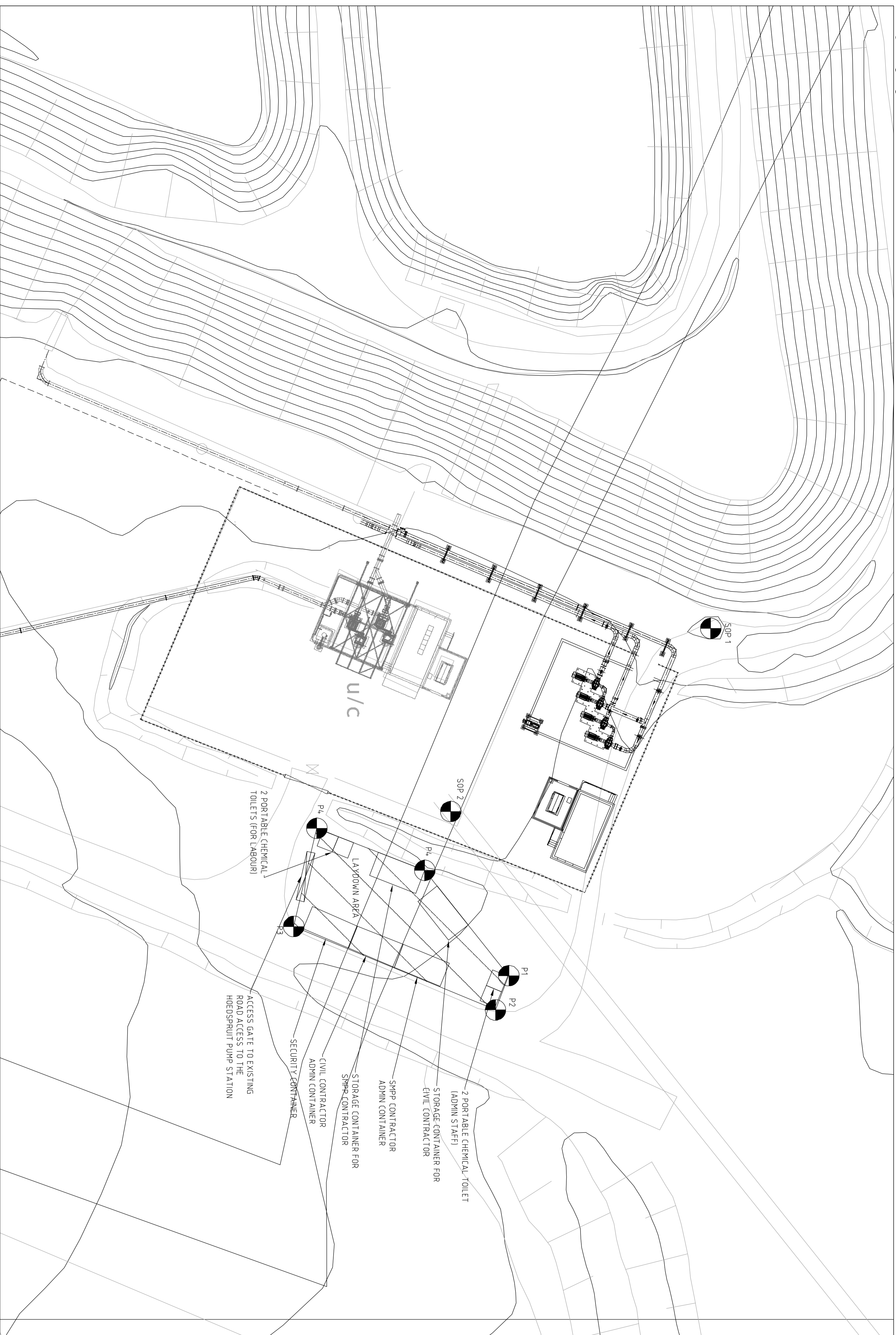
DRAWING No	REFERENCE DRAWINGS	DRAWING No	REFERENCE DRAWINGS	REV No	DATE	REVISIONS	BY	SL	CHK	ENG	REV No	DATE	REVISIONS	BY	SL	CHK	ENG
E82 100 00 016100 01 TW	WLTR CONCENTRATOR PLANT FACILITY CODE PLAN										0.1	12/06/12	DRAWING STARTED & ISSUED FOR CHECKING				
E83 100 00 016501 01 TW	WLTR RECLAIMING AREA FACILITY CODE PLAN										0.2	17/08/12	ISSUED FOR INTERNAL COMMENT				
E84 100 00 016102 01 TW	BOOSTER PUMP STATION FACILITY CODE PLAN										0.3	06/11/12	ISSUED FOR APPROVAL				
											0.4	07/12/12	SIGNATURES TRANSFERRED				

CONSULTANTS DRAWING NO		PROJECTS & ENGINEERING		CONTRACTOR / CONSULTANT	
OPERATIONS MANAGER	JW	7/12/12	MECH ENGINEER	BRANK	TVDW 12/06/12
ENGINEERING MANAGER			ENGINEER	CHECKED	LGD 12/06/12
SHEAF MANAGER			STRUCT / CIVIL ENGINEER	DESIGNER	AJ 19/11/12
PROCESS MANAGER			PROJECT MANAGER	AREA MANAGER	JG 21/11/12
SAFETY MANAGER			COORDINATOR	LEAD PROJ	RE 27/11/12
PROTECTION SERVICES			ENGINEER	REG NUMBER	
			ENGINEER	NAME	
			ENGINEER	SIGNATURE	
			ENGINEER	SCALE	AS SHOWN


**AngloAmerican**


**PLATINUM Ltd**

Anglo American Platinum Ltd VOTE NO: RT06444	
PROJECT DESIGN PHASE	FEL 3
WESTERN LIMB TAILINGS	
WLTR - RE-MINING OF WATERVAL	
GENERAL AND SITE DEVELOPMENT	
HOEDSPRUIT WATER PUMP STATION	
FACILITY CODE BLOCK PLAN	
COMP SET	AREA DISP
DRG No.	SHEET NO/D CODE
161104	01 TW
04	0.4



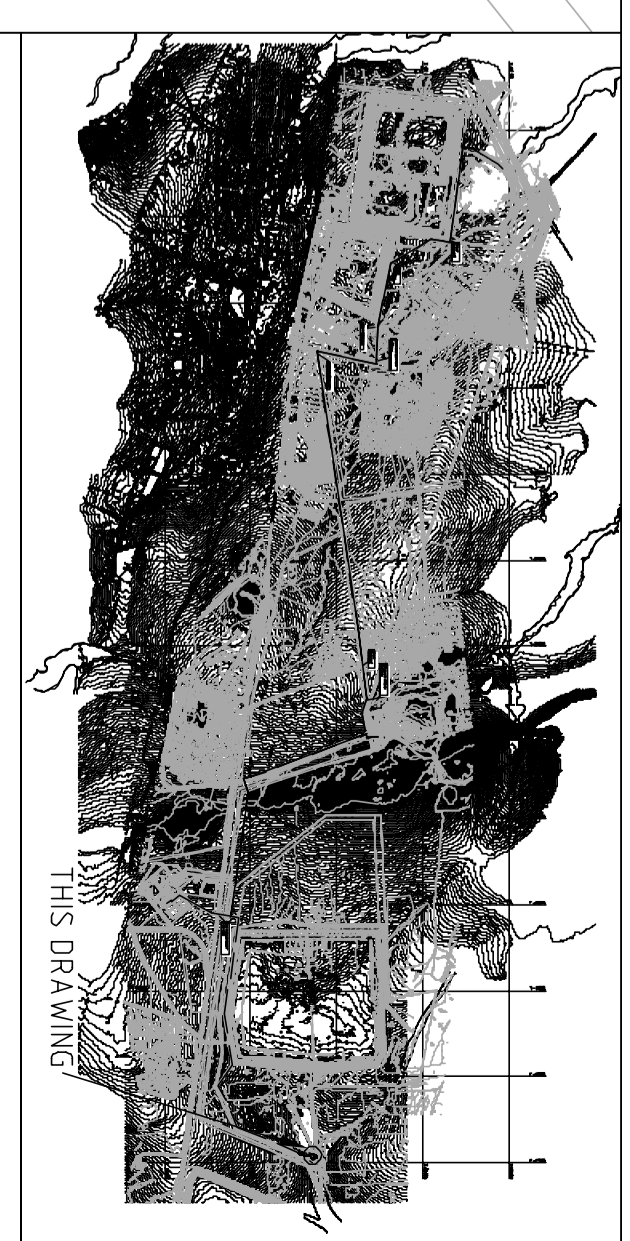
PLAN ON HOEDSPRUIT PUMP STATION

SCALE 1 : 250

DRAWING No	REFERENCE DRAWINGS	DRAWING No	REFERENCE DRAWINGS	REV No	DATE	REVISIONS	BY	SL	REV No	DATE	REVISIONS	BY	SL
							CHK	ENG	0.1	10/09/12	DRAWING STARTED & ISSUED FOR CHECKING		
									0.2	10/09/12	ISSUED FOR INTERNAL COMMENT		
									0.3	05/10/12	ISSUED FOR DESIGN CHECKING		
									0.4	07/12/12	SIGNATURES TRANSFERRED		

DO NOT SCALE

CONSULTANTS DRAWING NO		PROJECTS & ENGINEERING		CONTRACTOR / CONSULTANT	
OPERATIONS UNIT	JW	7	12	BRANK	TVDW
MANAGER				CHECKED	
ENGINEERING				DESIGNED	
DESIGNER				AREA	
MANAGER				MANAGER	
PROCESS					
SAFETY					
PROTECTION					
CONSTRUCTION					
LEAD PROJ	RF	6	12		
ENGINEER					
ENGINEER					



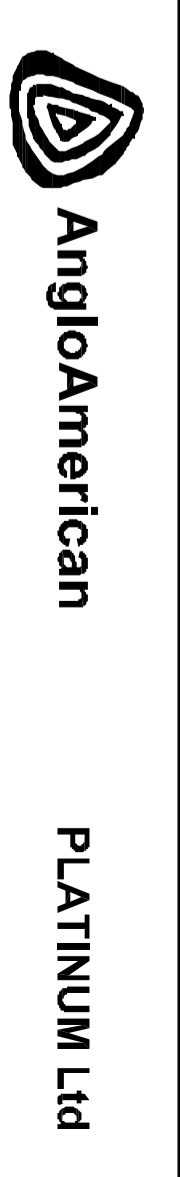
KEYPLAN

SOP CO-ORDINATES

SOP	X	Y
SOP 1	X = 42916.43	Y = -40214.53
SOP 2	X = 42938.58	Y = -40215.98
P1	X = 42958.44	Y = -40268.96
P2	X = 42962.58	Y = -40210.57
P3	X = -42952.49	Y = -40294.97
P4	X = 42940.61	Y = -40292.18
P5	X = 42945.70	Y = -40279.12

NOTES:

1. WATER SUPPLY:
  - CONSTRUCTION WATER
  - POTABLE WATER TO BE SUPPLIED BY CONTRACTOR.
2. POWER SUPPLY:
  - CONTRACTOR TO USE AVAILABLE POWER FROM EXISTING DB AT 400V.
  - CONTRACTOR TO PROVIDE HIS OWN CABLING, TERMINATION & DISTRIBUTION BOARD.
3. EFFLUENT DISPOSAL:
  - PORTABLE CHEMICAL TOILETS TO BE UTILIZED FOR LABOUR & SEPARATE FACILITIES FOR ADMIN STAFF.
4. ACCOMODATION UNITS:
  - NO PROVISION MADE FOR ACCOMODATION UNITS.
5. CONTAINER SIZE = 6mx3m



Anglo American Platinum Ltd VOTE No: RT106444

PROJECT DESIGN PHASE  
FEL 3  
WESTERN LIMB TAILINGS

W/ TR - RE-MINING OF WATERVAL

GENERAL & SITE DEVELOPMENT  
HOEDSPRUIT PUMP STATION  
SOP & LAYDOWN AREA LAYOUT

COMP	SET	AREA	DISP	DRG No.	SHEET NO	TOTAL SHEETS	REV
E	8	2	4	0	0	0	0
D	0	0	0	2	01	T	W 0.4

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[www.wspenvironmental.co.za](http://www.wspenvironmental.co.za)

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