

Date: 26-02-2013
 Your Ref: NC/EIA/SIY/TSA/POST01/2012NCP/EIA/0000160/20
 12
 Our Ref: S0592

Attention Sibonelo Mbanjwa
Deputy Director, DENC, Northern Cape
224 Du Toitspan Road
Kimberley
8300

Johannesburg: Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118
 PO Box 68821, Bryanston, 2021
 Suite 5 & 6, Block B, Hurlingham Office Park
 59 Woodlands Avenue, Hurlingham Manor

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 2 Wattle Grove, Hilton, 3201

Namibia: Tel: +264 (0)64 406 587
 Fax: +264 (0)88 647 501
 PO Box 4821, Swakopmund, Namibia

Dear Sibonelo

The following is the agenda for the meeting with DENC:

Chairperson: Roelof Letter

Time & date: 26/02/2013 at 11:00am

Venue: Department of Environment and Nature Conservation – Kimberley

Purpose: Issues regarding various environment related aspects for the Kolomela Mine close to Postmasburg.

1) Description	Time allocated	Responsibility
1. Welcome	11h00 – 11h05	DENC
2. Adoption of Agenda & Declaration of Interest	11h05 – 11h10	All
3. Agenda Items <ul style="list-style-type: none"> • Introductions • Background and Purpose of the Meeting • Description of various future projects of the mine. • Discussion of additional activities which require licensing in terms of 24G. • Way forward in terms of getting approval for additional activities. • Other issues of concern. 	11h10 – 11h30	Synergistics Kolomela mine DWA
4. General	11h30	All
Closure	12h00	

Kind Regards,

for Synergistics Environmental Services

A handwritten signature in black ink, appearing to read 'Roelof Letter', written in a cursive style.

Roelof Letter
Environmental Scientists

KOLOMELA MINE MEETING
WITH DEPARTMENT OF WATER
AFFAIRS (DWA) KIMBERLEY.



SUMMARY OF MEETING

Date: 26 February 2013
Time: 10h00 – 11h00
Venue: Department of Water Affairs, Kimberley
Central Road, Beaconsfield, Kimberley
Compiled by: Roelof Letter

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PRESENT:

Name:	Code	Affiliation
Nosie Mazwi	NM	Department of Water Affairs
Lorraine Nobela	LN	Department of Water Affairs
Ester Thivhonali	ET	Department of Water Affairs
Jaco Lambrechts	JL	Kolomela Mine
Roelof Letter	RL	Synergistics

The meeting started at 10h00.

1. INTRODUCTION

- 1.1 The minutes provide a record of discussions between members of the Department of Water Affairs (DWA), Kumba Kolomela Mine representative and Synergistics Environmental Services (Pty) Ltd (Synergistics) with regards to the Kolomela mine located near Postmasburg in the Northern Cape.
- 1.2 The agenda for the meeting is attached as Appendix 1.
- 1.3 The summary was compiled from notes taken by RL.

2. QUESTIONS AND DISCUSSION

Dialogue and points raised and discussed during the meeting.

- 2.1 RL opened the meeting and gave a brief outline of the purpose and intent of the meeting.
- 2.2 RL asked the department to give feedback on the additional information submitted for the amendment of the IWUL on the 07 January 2013.
- 2.3 LN indicated that she has not received any documentation from us and indicated that it would most likely still be in the registration office.
- 2.4 RL indicated that we also submitted the information to Mr Peter Ackerman at the national DWA for comment.
- 2.5 LN indicated that she would await comment from national on the information submitted.
- 2.6 RL indicated that there are various proposed activities at the mine that requires approval from the department in terms of the National Water Act, 1998. These included: prospecting activities within various pans on the farm Ploegfontein, aquifer recharging in the Groenwaterspruit from surplus water from dewatering activities and construction and

operations of a new waste rock dump north of the Kapsteviel pit. (This would include mainly clearance of vegetation and construction within 32 meters of a watercourse).

- 2.7 NM indicated that they would require a separate new WULA for these activities to be submitted, and that all the proposed activities must be combined in one application if possible. The new WULA application should therefore be completely separate from the current pending IWUL amendment from the department.
- 2.8 RL: indicated that the aquifer recharging activities and the Ploegfontein exploration is regarded as most important for the mine, in terms of gaining the necessary approvals, however the waste rock dump is also required.
- 2.9 RL & JL described the Ploegfontein exploration, aquifer recharge as well the waste rock dump relocation in detail to the department. It was indicated to the department that the aquifer recharging is required due to large amounts of surplus water presently on the mine property. The mines IWUL makes provision for emergency discharge of surplus water if the Vaal Gamagara pipeline cannot accommodate the water. The present situation at the mine is that this surplus water is disposed of in the Welgevonden spruit.
- 2.10 JL indicated that a feasibility report has been done by Groundwater Africa and the preferred method to employ aquifer recharging activities would be borehole injection into the Groenwaterspruit on the eastern boundary of the Kolomela mine. It was also indicated that this would proactively be supplied to the department for comment.
- 2.11 NM agreed that they would proactively provide us with inputs on potential additional information requirements which will be required as part of the WULA. The department indicated that they would arrange a site visit to help identify the requirements for licencing of these new aspects (Specifically relating to c & l water uses).
- 2.12 NM indicated that if these new activities require environmental authorisation in terms of National Environmental Management Act, 1998 (Act 107 of 1998), this must first be obtained before a water use licence application (IWUL) can be lodged. If this is not included it would be requested and if not supplied within 30 days the application would be rejected.
- 2.13 RL suggested to conduct the NEMA process in parallel with WULA;
- 2.14 NM indicated that upon submission of WULA application the EA would be required.

3. DECISIONS AND CLOSURE

- 3.1 NM indicated that the department would provide comment on the feasibility report developed for the aquifer recharging activities
- 3.2 RL indicated that the necessary environmental approvals according to NEMA will be obtained prior to submission of the new WULA.
- 3.3 RL gave insight into the proposed way forward after this meeting. NM would provide comments on the feasibility report developed for the aquifer recharging activities to JL (See Appendix 2) and an integrated application (if possible) for the new activities will be submitted for approval after the EA's have been granted.
- 3.4 RL thank the department for providing their pre-consultation meeting to ensure the correct process is followed.

The meeting closed at 10h45.

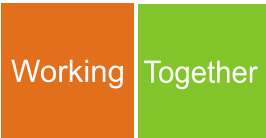
Roelof Letter at Synergistics Environmental Services (Pty) Ltd

Fax: (011) 326-4118

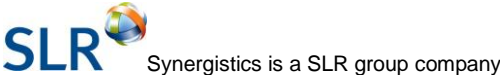
Email: roelof@synergistics.co.za

Postal: P.O. Box 68821, Bryanston, 2021, RSA

Appendix 1. Meeting Agenda



Directors: KC Fairley & B Stobart
Synergistics Environmental Services (Pty) Ltd
Registered No. 2003/030216/07





Date: 26-02-2013
 Your Ref: 16/2/7/D73A/1 & 27/2/11B941/112/1
 Our Ref: S0592

Attention: Raquel Nosie Mazwi
Acting Director: Water Sector
Regulation & Use

28 Central Road
Beaconsfield
Kimberley

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 PO Box 4821, Swakopmund, Namibia

Dear Nosie

The following is the agenda for the meeting with DWA:

Chairperson: Roelof Letter
Time & date: 25/02/2013 at 09:00am
Venue: Department of Water Affairs (DWA) – Kimberley
Purpose: Issues regarding various water related aspects for the Kolomela Mine close to Postmasburg.

1)	Description	Time allocated	Responsibility
1.	Welcome	09h00 – 09h05	DWA
2.	Adoption of Agenda & Declaration of Interest	09h05 – 09h10	All
3.	Agenda Items <ul style="list-style-type: none"> • Introductions • Background and Purpose of the Meeting • Discussion on pending amendment to the mines IWUL. • Description of various future projects of the mine. • Discussion of additional activities which require licensing. • Way forward in terms of getting approval for additional activities and potential conflicts with exiting pending amendment. • Other issues of concern. 	09h10 – 10h30	Synergistics Kolomela mine DWA
4.	General	10h30	All
Closure		11h00	

Kind Regards,

for Synergistics Environmental Services

A handwritten signature in grey ink, appearing to read 'Roelof Letter', written in a cursive style.

Roelof Letter
Environmental Scientists

Appendix 2: Aquifer recharging feasibility report



Date: 13-01-2014
 Your Ref: (NC) 069 MR
 Our Ref: S0592

Attention: Raisibe Sekepane
Department of Mineral Resources
(DMR), Northern Cape office

Perm Building
65 Phakamile Mabija Street,
Kimberley,
8300

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Namibia: Tel: +264 (0)64 406 587
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 PO Box 4821, Swakopmund, Namibia

Dear Raisibe

The following is the agenda for the meeting with DWA:

Chairperson: Roelof Letter
Time & date: 14/01/2014 at 11:00am
Venue: Department of Mineral Resources (DMR) – Kimberley
Purpose: Discussing the proposed Section 102 amendment of the Kolomela Mines approved EMPR.

1) Description	Time allocated	Responsibility
1. Welcome	11h00 – 11h05	DMR
2. Adoption of Agenda & Introductions	11h05 – 11h10	All
3. Agenda Items		Stuart Dangerfield
• Background and Purpose of the Meeting		
• Proposed Section 102 Amendment process and schedule for the Kolomela Mine	11h10 – 11h45	Roelof Letter and Jaco Lambrechts
• Other issues of concern.		All
4. General	11h45	All
Closure	12h00	

Kind Regards,
for Synergistics Environmental Services


Roelof Letter
 Environmental Assessment Practitioner

**KOLOMELA MINE MEETING WITH
DEPARTMENT OF
MINERAL RESOURCES
(DMR); KIMBERLEY.**



SUMMARY OF MEETING

Date: 14 January 2014

Time: 11h00 – 12h00

Venue: Department of Mineral Resource, Kimberley
65 Phakamile Mabija Street, Perm Building,
Kimberley, 8300

Johannesburg: Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118
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Namibia: Tel: +264 (0)64 406 587
Fax: +264 (0)88 647 501
PO Box 4821, Swakopmund, Namibia

Compiled by: Roelof Letter

PRESENT:

Name:	Code	Affiliation
Raisibe Sekepane	RS	Department of Mineral Resources
Daniel Mashau	DM	Department of Mineral Resources
Kgaudi Shapo	KS	Department of Mineral Resources
Jaco Lambrechts	JL	Kolomela Mine
Letladi Maisela	LM	Kumba Corporate office
Stuart Dangerfield	SD	KolEx Senior Project Management
Roelof Letter	RL	Synergistics

The meeting started at 11h05.

1. INTRODUCTION

- 1.1** The minutes provide a record of discussions between members of the Department of Mineral Resources (DMR), Kumba Kolomela Mine representative, Kolomela Expansion project representatives and Synergistics Environmental Services (Pty) Ltd (Synergistics) with regards to the Kolomela mine located near Postmasburg in the Northern Cape.
- 1.2** The agenda for the meeting is attached as Appendix 1.
- 1.3** The summary was compiled from notes taken by RL.



Directors: KC Fairley (Managing), MG Hemming & M Medallie
Synergistics Environmental Services (Pty) Ltd – South Africa
Registered No. 2003/030216/07

Directors: KC Fairley & MG Hemming
Synergistics Environmental Services (Pty) Ltd – Namibia
Registered No. 2003/782

2. QUESTIONS AND DISCUSSION

Dialogue and points raised and discussed during the meeting.

- 2.1** RS opened the meeting and welcomed the participants.
- 2.2** RL gave a brief outline of the purpose and intent of the meeting.
- 2.3** SD gave a detailed background of the purpose and background of the Kolomela Expansion (KolEx) Project.
- 2.4** RS queried whether Kolomela Mine is planning any form of backfilling for the current mining pits.
- 2.5** JL explained the current backfilling strategy at Kolomela Mine.
- 2.6** DM and KS required clarification on mining pits locations and current Kolomela operations. Current rehabilitation practices and requirements were also queried.
- 2.7** JL and LM described the current backfilling strategy with particular reference to the backfilling of the northern part of the Leeufontein pit. JL also provided clarification on the concurrent rehabilitation practice being conducted at Kolomela with particular reference to the reshaping of the waste rock dumps to an 18° slope; including subsequent re-vegetation. Re-vegetation success rate was also mentioned.
- 2.8** RS queried the infrastructural requirements of the KolEx Project.
- 2.9** SD provided the required clarification on the infrastructural requirements of the KolEx Project, including required auxiliary railway infrastructure. Emphasis was made that the project is still in pre-feasibility stage and various project options are still being investigated.
- 2.10** RS queried whether there are beneficial resources at Kolomela.
- 2.11** SD provided more clarity on the DMS resources at Kolomela Mine. He also provided more clarity on the future potential "phase 2" of the Kolomela Expansion project. It was emphasised that a "phase 2" of the KolEx Project does not form part of the current amendment application and is reliant on further exploration and study work.
- 2.12** RL discussed the proposed a Section 102 Environmental Management Programme Report (EMPR) amendment process in terms of the Mineral and Petroleum Resource Development Act, 2002 (MPRDA) for the KolEx Project. Emphasis was placed on the proposed schedule and process as well providing the current status of the application.
- 2.13** RS queried the National Environmental Management Act, 1998 (NEMA) and National Water Act, 1998 (DWA) processes.
- 2.14** RL indicated that the project has commenced with the required public participation process in terms of the MPRDA, NEMA and the DWA in support of the EMPR amendment process.
- 2.15** RL described the process that is going to be followed. The project is currently busy with the initial public consultation period. This will be followed by the updating of the existing approved Environmental Impact Assessment (EIA) and EMPR. Once this process has been concluded the updated EIA/EMPR will be submitted to the provincial DMR for review and approval.
- 2.16** JL queried the inclusion of non-measured resources into the EMPR amendment process and used Kapstevél south as an example. The Kapstevél south pits have been identified as a potential substitution resource for Kolomela mine. This resource would assist in sustaining the current life of mine which is currently being impacted by accelerated mining of the current DSO pits as part of the KolEx project. However this resource has not been accurately quantified and therefore potentially will not form part of the amendment of the Kolomela Mine Works Programme (MWP). The question therefore remains will it be possible to include these future planned resource into the EMPR amendment process, without it forming directly part of the amendment of the MWP?
- 2.17** RS indicated MWP needs to be aligned with the EMPR.
- 2.18** JL, LM and RL indicated that this would form part of a more strategic overview of the mine and would support long term integrated environmental management planning.
- 2.19** RS indicated that they are happy with the strategic inclusion of unmeasured resources, however it was indicated that there must be some correlation with MWP

- 2.20 RL asked whether there are any concerns from the department; regarding the Section 102 EMPR amendment process discussed earlier.
- 2.21 RS had no concerns with the proposed process to be followed, however RS emphasised the importance of the backfilling strategy, updating of the rehabilitation and closure costs, Public engagement process, alignment with (MWP) and updating of the Kolomela Social and Labour Plan (SLP) needs to be done sufficiently.
- 2.22 RS requested a meeting to be scheduled to present the EMPr amendment on submission to DMR.
- 2.23 RL indicated that this will be arrange proactively and also indicated that June 2014 is currently the scheduled submission date.

3. CLOSURE

- 3.1 RL thanked the department for providing their pre-consultation meeting to ensure the correct process is followed.
- 3.2 The meeting closed at 11h10.

Roelof Letter at Synergistics Environmental Services (Pty) Ltd

Fax: (011) 326 4158

Email: rletter@slrconsulting.com

Postal: P.O. Box 68821, Bryanston, 2021, RSA



Date: 05-05-2014
 Your Ref: NC/EIA/15/ZFM/TSA/POS3/2013
 Our Ref: S0533

Attention: Marvin Mathews
Northern Cape Department of Environment and Nature Conservation (NCDENC).

UMDRA Building; 2 floor.
Cnr. Market and River street
Upington,
8801.

Johannesburg: Tel: +27(0)11 467 0945, Fax: +27(0)11 467 0
 PO Box 1596, Cramerview, 2060
 Unit 7, Fourways Manor Office Park,
 1 Macbeth Avenue,
 Fourways, Johannesburg

Dear Marvin

The following is the agenda for the meeting with NCDENC:

Chairperson: Roelof Letter

Time & date: 08/05/2014 at 9:30am

Venue: Northern Cape Department of Environment and Nature Conservation (NCDENC)
 – Upington Office

Purpose: Kolomela Expansion Project NCDENC Consultation meeting

1) Description	Time allocated	Responsibility
1. Welcome	9h30 – 9h40	DENC
2. Adoption of Agenda & Introductions	9h40 – 9h50	All
3. Agenda Items	9h50 – 11h15	Roelof Letter
• Background and Purpose of the Meeting		Roelof Letter
• Kolomela Expansion Draft Scoping Report		All
• Other aspects and issues of concern; regarding permitting requirements at Kolomela Mine.		
4. General	11h15	All
Closure	11h30	

Kind Regards,

for Synergistics Environmental Services

Roelof Letter
Roelof Letter

Environmental Assessment Practitioner



**KOLOMELA MINE MEETING WITH
NORTHERN CAPE DEPARTMENT OF
ENVIRONMENT AND NATURE
CONSERVATION
(DENC); UPINGTON.**

SUMMARY OF MEETING

Johannesburg: Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118
PO Box 68821, Bryanston, 2021
Suite 5 & 6, Block B, Hurlingham Office Park
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2 Wattle Grove, Hilton, 3201

Namibia: Tel: +264 (0)64 406 587
Fax: +264 (0)88 647 501
PO Box 4821, Swakopmund, Namibia

Date: 8 May 2014

Time: 09h30 – 11h30

Venue: Northern Cape Department of Environment
and Nature Conservation, Upington
UMDRA Building; 2 floor. Cnr. Market and River
Street, Upington, 8801.

Compiled by: Roelof Letter

PRESENT:

Name:	Code	Affiliation
Marvin Mathews	MM	Department of Environment and Nature Conservation
Jaco Lambrechts	JL	Kolomela Mine
Roelof Letter	RL	Synergistics

The meeting started at 09h25.

1. INTRODUCTION

- 1.1** The minutes provide a record of discussions between the Department of Environment and nature Conservation (DENC), Kolomela Mine representative and Synergistics Environmental Services (Pty) Ltd (Synergistics) with regards to the Kolomela mine located near Postmasburg in the Northern Cape.
- 1.2** The agenda for the meeting is attached as Appendix 1.
- 1.3** The summary was compiled from notes taken by RL.

2. QUESTIONS AND DISCUSSION

Dialogue and points raised and discussed during the meeting.



Directors: KC Fairley (Managing), MG Hemming & M Medallie
Synergistics Environmental Services (Pty) Ltd – South Africa
Registered No. 2003/030216/07

Directors: KC Fairley & MG Hemming
Synergistics Environmental Services (Pty) Ltd – Namibia
Registered No. 2003/782

- 2.1 MM opened the meeting and welcomed the participants.
- 2.2 RL gave a brief outline of the purpose and intent of the meeting. This being mainly a consultation meeting with the department to ensure the process being followed is supported and to discuss additional permitting related aspects outside the scope of the current EIA.
- 2.3 RL gave a detailed background of the status of the Environmental Impact Assessment (EIA) process as part of the Kolomela Expansion (KolEx) Project.
- 2.4 RL discussed the various components of the project and indicated that the project title will need to be changed to the Kolomela Optimisation Project. This will be supported by an amended application form and notification to all registered Interested and affected parties.
- 2.5 RL indicated what environmental approvals will be required as part of the project.
- 2.6 MM supported the current process and approach thus far and queried various aspects associated with the draft Scoping Report whereby RL and JL provided answers.
- 2.7 RL indicated that the final scoping report will be submitted to the department for approval once the commenting period has ended.
- 2.8 JL provide description on current short term waste rock dump area constraints at the Kapstevl pit. The reason being that underneath the original approved footprint of the existing Kapstevl WRD during sterilisation drilling potential profitable iron ore was found.
- 2.9 A more detailed discussion followed.
- 2.10 JL indicated that they only have two month remaining capacity on the existing Kapstevl WRD
- 2.11 RL indicated that as part of the current EIA discussed above a new waste rock dump will need to be constructed North of Kapstevl pit.
- 2.12 RL provided potential permitting strategies to address the capacity constraints.
- 2.13 MM indicated that the most practical option would be to conduct a basic assessment process for an expansion of the existing Kapstevl WRD of less than twenty hectare. Emphasises that there is no potential to separate the existing EIA to streamline the new separate proposed WRD.
- 2.14 JL provided a broad description on the sensitivities associated with the EIA and proposed WRD expansion at Kapstevl.
- 2.15 RL and MM discussed potential project alternatives for the WRD expansion.
- 2.16 MM committed to providing official correspondence regarding these aspects.
- 2.17 RL asked whether there are any concerns from the department; regarding the EIA process discussed earlier.
- 2.18 MM had no concerns with the proposed process to be followed.
- 2.19 RL indicated that an integrated meeting with the Department of Water Affairs, Department of Agriculture, Forestry and Fisheries and DENC will be scheduled to present the EIA once completed. This would ensure alignment on various identified aspects of the EIA.

3. CLOSURE

- 3.1 RL thanked the department for providing a consultation meeting.
- 3.2 The meeting closed at 10h23.

Roelof Letter at Synergistics Environmental Services (Pty) Ltd

Fax: (011) 326 4158

Email: rletter@slrconsulting.com

Postal: P.O. Box 68821, Bryanston, 2021, RSA



**MINUTES FOR THE MEETING BETWEEN SISHEN IRON ORE COMPANY (Pty) Ltd:
KOLOMELA MINE (APPLICANT) AND DWA OFFICIALS**

DATE: 12 December 2013

TIME: 11:00 am

VENUE: Department of Water Affairs (Roodeplaat Training Centre)

PERSONNEL PRESENT: Siyabulela Lupa, Christopher Thoka, and Esther Makungo (all DWA officials); and Roelof Letter (Applicant Representative)

ITEM	DESCRIPTION	Action
1. Opening & Welcome remarks	The meeting was officially opened through an introduction of each personnel present.	
2. Issues discussed	2.1 Clarity on the water uses applied for.	<p>The applicant's representative noted the discrepancies found in the water use application forms submitted to the Department and promised to verify all the water uses applied for and give clarity in writing for each an every water use that is not clear.</p> <p>There was therefore, an agreement that new signed water use application forms for Section 21 (g) for the drying beds and Section 21 (a) for the reuse of stormwater would be completed and submitted to the Department.</p> <p>It was also agreed that volumes of water in all the water use application forms should be the same as the ones reflected</p>

ITEM	DESCRIPTION	Action
		<p>in the water balance.</p> <p>The volumes of water abstracted from the boreholes for Section 21 (a) water uses are not the same as the volumes of water dewatered from the same boreholes for Section 21 (j) water uses. Therefore, clarity is needed for these differences and their use is also needed.</p> <p>For the Sewage Treatment Plant, if the sewage sludge and/or effluent is collected by a service provider; a letter of agreement is need between the affected parties viz, Kolomela Mine and the service provider.</p>
	<p>2.2 Application by the applicant to be exempted in order to conduct exploration in a conserved area</p>	<p>This issue was discussed and DWA officials agreed to take the application to the Department's specialists in order to give a scientific guidance on the exemption if it would be granted.</p>
	<p>2.3 Way forward reached</p>	<p>The applicant's representative agreed to submit new signed water use application forms for the specified water uses above and give written clarity on all the already applied</p>

ITEM	DESCRIPTION	Action
		<p>for, water uses that are not clear by the 17th of January 2014.</p> <p>In connection with the exemption issue, the applicant would be notified after all the Departmental right channels have been followed.</p>
<p>3. Closure</p>	<p>The meeting was closed with an agreement that the applicant's representative will submit to the Department new signed water use application forms for the above mentioned missing water uses and also give clarity on all the already applied for, water uses that are not clear by the 17th of January 2014.</p> <p>It was also noted that the applicant submitted additional information to Environment and Recreation section including the water balance and that information is not yet available at the Letsema Project where this application is being assessed for water use Licence authorisation and therefore, it was agreed that the applicant's representative will provide copies of these additional information including the water balance on the same date as mentioned above.</p>	

**MINUTES OF MEETING
EXPANSION OF KOLOMELA MINE, POSTMASBURG
ENVIRONMENTAL AUTHORISATION PROCESS**

Date: 17 February 2015

Time: 10h00-12h00

Venue: DMR Kimberley

Present:

Name	Affiliation	Email
Ntsundeni Ravhugoni	Deputy Director: DMR	Ntsundeni.Ravhugoni@dmr.gov.za
Poloko Nkattholang	Assistant Deputy Director: DMR	Eugene.Nkattholang@dmr.gov.za
Humbulani Mashau	Assistant Deputy Director: DMR	Humbulani.Mashau@dmr.gov.za
Takalani Khorombi	Assistant Deputy Director: DMR	Takalani.Khorombi@dmr.gov.za
Jaco Lambrechts	Kumba Iron Ore, Kolomela Mine	jaco.lambrechts@angloamerica.com
Islay-Jane Sparks	Kumba Iron Ore, Kolomela Mine	islay-jane.sparks@angloamerican.com
Kerry Fairley	Environmental Assessment Practitioner, Synergistics	kfairley@slrconsulting.com
Bronwyn Parker	Legal Consultant, EOH	Bronwyn.Parker@eoh.co.za

1. Background

1.1. Kolomela Mine intends expanding operations to allow for an increase in production from 9 Mtpa to 13 Mtpa and then 16 Mtpa by 2018.

1.2 The increase will involve:

- mining from 2 new pit areas (already included in Mining Right) namely Kapstevell South and Ploegfontein,
- expansion of waste rock dumps to accommodate increased production\
- provision for an additional DMS plants processing 1-2 Mtpa (at 3 locations)

- increased production through the current DSO plant to 14 Mtpa
- at pit facility (workshops with fuel, haul truck parking and fatigue centre) near Kapsteveld section of the mine
- at pit facility near Klipbankfontein section of the mine
- new product bed area at DSO plant
- additional sewage treatment works
- additional explosives magazine
- aquifer recharging on the farm Floradale to the west of the mine – for excess water from Kapsteveld area.

1.3 Aquifer recharging is necessary as Sedibeng Water has indicated that they are not able to take all the water dewatered from Kolomela Mine (as was the original agreement) and the mine was instructed by the Northern Cape Department of Water & Sanitation (DW&S) to investigate alternatives for the management of water.

1.4 The inclusion of the new pit areas in the mine schedule means that the life of mine remains the same i.e. until 2040.

2. Status of EIA Process

2.1 An application for the approval of activities listed under the EIA Regulations was made to the Northern Cape Department of Environment and Nature Conservation (DENC) under the 2010 EIA Regulations.

2.2 A scoping report was completed and approved in August 2014.

2.3 Specialist studies have been completed and an EIA report is still to be submitted.

3. NEMA 2010 VS NEMA 2014 Process

3.1 There are additional activities listed under the 2014 EIA Regulations that would need to be added to the existing application.

3.2 It is in the interest of the DMR that the NEMA application be made to them, as then the authorisation lies with the DMR and not DENC and will negate the need for the handover of the file at some later stage.

3.3 It was agreed that the preferred action would be to withdraw the current application made to DENC and then reapply under the 2014 EIA Regulations to the DMR.

3.5 It was agreed that the completed scoping process could be used provided that it complies with the current legislative requirements. It would need to be clearly indicated as to how the process followed previously complies.

- 3.6 It was requested by the DMR that the scoping report be reformatted into the DMR template in order to facilitate the process.
- 3.7 An integrated licence/authorisation is to be issued by the DMR and thus it is important that other approvals under the SEMA's are in place within the 300 day period (from application).
- 3.8 It was agreed that the applicable authorisations that need to be in place are: water use licence and atmospheric emissions licence (AEL).
- 3.9 The application for the AEL is to be to National Department of Environmental Affairs.
- 3.10 The water use licence and AEL application must be made with sufficient time for the authorisations to be issued within the time period.

4. NEM: WA Application

- 4.1 The waste rock material is captured under the listed NEM: WA listed activities as of 2 September 2014.
- 4.2 All mining waste is considered to be hazardous waste and thus the application for a waste licence is to be supported by a full EIA process.
- 4.3 It is not practical to comply with the liner requirements as set out in the NEM: WA regulations. It would however need to be motivated why it is possible to deviate from the liner requirements.
- 4.4 It was suggested that expansion of existing waste rock dumps is captured under the transitional provisions of the NEM: WA listed activities and since it is existing disposal and thus a waste management licence is not required for the expansion of existing waste rock dumps.
- 4.5 It was agreed that it would not be necessary to apply for a waste licence for the expansion of existing waste rock dumps.

5. Section 102 Application

- 5.1 It was agreed that the application does not require an amendment to the EMPr and thus is not captured under the Section 102 of the MPRDA.
- 5.2 It was indicated however that changes to the mine works programme and Social and Labour Plan would need to be approved through Section 102.

6. Way Forward/Actions

- 6.1 The DMR is to get confirmation from their legal department on the proposed process.
- 6.2 Kumba is to get confirmation from their legal department on the proposed process.
- 6.3 The following steps are proposed:
 - The NEMA application with DENC will be withdrawn,
 - A new NEMA application will be made to DMR

- The completed scoping report will be submitted (reformatted to DMR template) with motivation as to why it is valid for the application.
- The waste rock dumps are existing and are merely being extended and therefore no application is to be made under NEM: WA.
- The EIA will be submitted as per the DMR requirements.
- Water use licence and AEL are to be in place within the 300 days to allow for an integrated authorisation from the DMR.

Please submit any changes to the minutes to kfairley@slrconsulting.com by no later than 27 February 2015.

Compiled by Kerry Fairley

19 February 2015