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AANSOEK VIR 'N WATERLISENSIE AANSOEK EN 'N OMGEWINGSIMPAK ASSESSERINGSPROSES BY DIE HUIDIGE KHUMANI YSTERERTS MYN, NABY KATHU, NOORD-KAAP PROVINSIE

In terme van die:

Nasionale Waterwet 1998 (Wet nr 36 van 1998)
Nasionale Omgewingsbestuurswet, 1998 (Wet nr 107 van 1998)
DMR Ref nr: 070MR

UITNOEDIGING OM AS GEÏNTERESSEERDE EN/OF GEAFFEKTEERDE PARTY TE REGISTREER

Agtergrond tot die projek: Assmang Edms (Bpk): Khumani Ystererts myn (Khumani) is 15 km suid van die dorp Kathu in die Noord-Kaap Provinsie geleë. Die myn val onder die jurisdiksie van twee Plaaslike- en Distriksmunisipaliteite in die Noord-Kaap. Die plaas Mokaning 560 (gedeeltes 0, 1, 2, 3, en 4) val onder die Tsantsabane Plaaslike Munisipaliteit (NC085), wat weer deel vorm van die ZF Mgcawu Distriksmunisipaliteit (voorheen bekend as die Siyanda Distriksmunisipaliteit). Die plaas Parson 564 (insluitend Police Camp 692) (gedeeltes 0, 2, 8 en 9), Bruce (gedeelte 0) en King 561 (gedeelte 0) val onder die Gamagara Plaaslike Munisipaliteit (NC01B1), wat weer deel vorm van die John Taolo Gaetsewe Distriksmunisipaliteit (voorheen bekend as die Kgalagadi Distriksmunisipaliteit).

Projekbeskrywing: Khumani is voornemens om die bestaande Watergebruikslisensie (WUL) te wysig om verskeie administratiewe foute reg te stel, asook om watergebruike wat verband hou met die Omgewingsmagtiging van 2016 (Permit 21/2016) in te sluit. Laasgenoemde behels die uitbreiding en ontwikkeling van verskeie mynbouhoë (laegraad en afval) op die terrein. Daarbenewens beoog die myn om 'n nuwe Terugvoerwater dam (of Return Water Dam) te bou (besonderhede en ontwerpe is nie gefinaliseer is nie) wat verband hou met die bestaande slykgighheidsafvalfasiliteit (of Paste Disposal Facility) geleë op gedeelte 0 van die Plaas King 561 wat 'n Omgewingsgoedkeuring verlang. Die gehele projekte (wat die Waterlisensieaansoek insluit) is geleë op al vier (4) plase wat deur Khumani besit word.

Aansoek om Omgewingsmagtiging om die volgende aktiwiteite te onderneem:
NEMA Regeringskenningsgewing 983 (soos gewysig deur Regeringskenningsgewing 327), Noteringskenningsgewing 1 (wysigings aan goedgekeurde watergebruik):

- o Aktiwiteit 13: "Die ontwikkeling van 'n fasiliteit of infrastruktuur vir die stoor van water weg van die bron van water, insluitend damme, met 'n gesamenlike kapasiteit van 50 000 m³ of meer..."
- o Aktiwiteit 34: "Die uitbreiding of veranderinge aan bestaande fasiliteite vir enige proses of aktiwiteit waar sodanige uitbreiding of veranderinge sal lei tot die noodsaaklikheid van 'n permit of lisensie of 'n gewysigde permit of lisensie ingevolge nasionale of provinsiale wetgewing wat die vrystelling van emissies of besoedeling (word nie oorweeg nie, maar mag vereis word, afhangend van die Departement van Water en Sanitasie Konsultasie).

NEMA Regeringskenningsgewing 984 (soos gewysig deur Regeringskenningsgewing 325), Noteringskenningsgewing 2 (Voorgestelde Terugvoerwater):

- o Aktiwiteit 6: Die ontwikkeling van fasiliteite of infrastruktuur vir enige proses of aktiwiteit wat 'n permit of lisensie of 'n gewysigde permit of lisensie vereis ingevolge nasionale of provinsiale wetgewing wat die opwekking of vrystelling van emissies, besoedeling of uitvloeiende reguleer.

Let wel: Op die huidige tyd en met die beskikbare inligting word daar nie voorsien dat 'n afval-lisensie vir die Retourwaterdam benodig word nie aangesien hierdie fasiliteit as 'n bergings-fasiliteit (oordragpunt) tussen die Pasteverwyderingsfasiliteit en Voordeelanleg beskou sal word. Die fasiliteit word nie as 'n "lagoon" beskou nie, maar sal 'n geboude dam wees wat stormwater en aftap water van die slydgighheidsafvalfasiliteit versprei na die Parsonsanleg.

Aansoek om Watergebruikslisensie om die volgende aktiwiteite te onderneem:
o Artikel 21g: Ontwikkeling van en uitbreiding na verskeie Myn Residu Deposito's, sowel as die oprigting van 'n nuwe Retourwaterdam
o Regulasie 158 Wysiging: Om verskeie administratiewe foute reg te stel en om aansoek te doen vir wysigings aan die goedgekeurde Watergebruikslisensie.

Regulerende Owerheid: Departement van Minerale Hulpbronne (DMR) en Departement van Water en Sanitasie (DWS), Kimberley, Noord-Kaap Provinsie.

Kenningsgewing geskied hiermee van 'n publieke deelnemingsproses ingevolge:
o Die Nasionale Omgewingsbestuurswet, 1998 (Wet nr 107 van 1998) (NEMA) wysigings van 2017 (Regulasie 326 en Regulasie 327) en die Nasionale Waterwet, 1998 (Wet nr 36 van 1998) (NWA).

Onafhanklike Omgewings Konsultant: EnviroGistics (Edms) Bpk.

Geïnteresseerde en/of Geaffekteerde Partye (G&GPs) wat wil registreer en deelneem aan die proses deur kommentaar te lewer, of wie addisionele inligting verlang, moet asseblief registreer en hul geskrewe kommentaar indien. Alle relevante kommentaar sal by die Omgewingsimpakstudieproses ingesluit word. Die inligting sal aan die geregistreerde G&GPs beskikbaar gestel word vir hersiening.

Datum van publikasie van die advertensie: **Woensdag, 29 Augustus 2018**

Om as G&GP te registreer, of om verdere inligting rakende die projek te ontvang, kontak asb. vir:
Ms Tanja Bekker, EnviroGistics (Edms) Bpk.
Faks: 086-551-5233; telefoon: 082-412-1799; e-pos: tanja@envirogistics.co.za

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND WATER USE LICENCE APPLICATION AT THE KHUMANI IRON ORE MINE, NEAR KATHU, NORTHERN CAPE PROVINCE

In terms of the:

National Water Act, 1998 (Act No 36 of 1998) (NWA)
National Environmental Management Act, 1998
(Act No 107 of 1998) (NEMA)

DMR Ref No: 070MR

INVITATION TO REGISTER AS AN INTERESTED AND AFFECTED PARTY

Project background: Assmang (Pty) Ltd's Khumani Iron Ore Mine (Khumani) is situated 15 km south of Kathu, adjacent to the Kumba Iron Ore Mine. Khumani comprises of four (4) farms, namely Parson 564 (including Police Camp 692) (Portions 0, 2, 8 and 9), King 561 (Portions 0), Bruce 544 (Portion RE) and Mokaning 560 (Portions 0, 1, 2, 3, and 4). Khumani falls within two Local and District Municipalities. The farm Mokaning is situated within the Tsantsabane Local Municipality (NC085), which forms part of the ZF Mgcawu District Municipality (formally known as the Siyanda District Municipality). The farms Parson, Bruce and King are situated within the Gamagara Local Municipality (NC01B1), which forms part of the John Taolo Gaetsewe District Municipality (formally known as the Kgalagadi District Municipality).

Project details: Khumani intends to amend the existing Water Use Licence (WUL) (consider adding the WUL reference number) to correct various administrative errors, as well as to include water uses associated with the 2016 Environmental Authorisation (Permit 21/2016). The latter involves the expansion and development of various Mine Residue Deposits on site. In addition to this, the mine intends to construct a new Return Water Dam (details and designs not as yet finalised) associated with the existing Paste Disposal Facility located on Portion 0 of the farm King 561, which will require a new Environmental Authorisation. The overall project (which includes the Water Licence Application) is located on all four (4) farms owned by Khumani.

Application for Environmental Authorisation to undertake the following activities:
NEMA Government Notice 983 (as amended by Notice 327), Listing Notice 1 (amendments to approved water uses):

- o Activity 13: "The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more..."
- o Activity 34: "The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution" (not considered at this time, but may be required depending on Department of Water and Sanitation Consultation).

NEMA Government Notice 984 (as amended by Notice 325), Listing Notice 2 (Proposed Return Water Dam):

- o Activity 6: "The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent."

Note: At the current time and with the information available it is not foreseen that a waste licence will be required for the Return Water Dam, as this facility will be regarded as a storage facility (transfer point) between the Paste Disposal Facility and Beneficiation Plant. The facility is not considered a lagoon, but will be a constructed dam, which will contain run-off contaminated water (which constitutes waste water by the Department of Environmental Affairs).

Application for Water Use Licence to undertake the following activities:
o Section 21g: Development of and expansion to various Mine Residue Deposits, as well as the construction of a new Return Water Dam.
o Regulation 158 Amendment: To correct various administrative errors and apply for amendments to conditions in the approved Water Use Licence.

Regulatory Authority: Department of Mineral Resources (DMR) and Department of Water and Sanitation (DWS), Kimberley, Northern Cape Province.

Notice is hereby given of a Public Participation Process in terms of:
o The National Environmental Management Act, 1998 (Act No 107 of 1998) (NEMA) amendments of 2017 (Regulation 326 and Regulation 327), and the National Water Act, 1998 (Act No 36 of 1998) (NWA)

Independent Environmental Consultant: EnviroGistics (Pty) Ltd.

Parties wishing to register as Interested and Affected Parties (I&APs), who wish to participate by contributing comments, or require additional information, should please register or submit their correspondence in writing. All relevant comments will be incorporated into the EIA Process, which will be made available to all registered I&APs for review.

Date of Publication of Advertisement: Wednesday, 29 August 2018
To register as an I&AP or obtain more information about the project, should please contact:
Ms Tanja Bekker, EnviroGistics (Pty) Ltd.
Fax: 086-551-5233; Mobile: 082-412-1799; E-mail: tanja@envirogistics.co.za



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Independent Environmental Consultant: EnviroGistics (Pty) Ltd.

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Fax: 086-551-5233; Mobile: 082-412-1799; E-mail: tanja@envirogistics.co.za



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Company	ESKOM HOLDINGS LTD	1/545, 2/545	E Lennox L Motsis	LennoxEC@eskom.co.za MotsisL@eskom.co.za				
Trust	FILADELFA TRUST	1/566						
Private Person	JACOB ELIZA HOFFMAN	5/564	Jacob Hoffman	jaap.hoffman@angloamerican.com	082 572 0732			Posbus 823 Kathu 8446
Company	MORIA BOERDERY CC	24/543	Alfred Markram	amarkram0@gmail.com amarkram@tramirloc.co.za	083 998 4001			
Private Person	Plaas Vlakwater	2/562	Steyn, NJ (Unr)	nic.steyn@gmail.com steynkathu@gmail.com	083 600 6461 082 879 7531 071 699 2767	0533310973		
Not Listed	NOT LISTED	6/544, 2/585						
Company	SISHEN IRON ORE COMPANY PTY LTD: Hydrologist	25/543, 1/544, RE/545, 2/541, RE/543, 1/543, 5/544, 3/545, 1/562	Ferdi Goussard	ferdi.goussard@kioldt.com ; ferdi.goussard@angloamerican.com	083 609 1023	053 739 2911	Hendrik van Eck Road Kathu	
Company	SISHEN IRON ORE COMPANY PTY LTD	RE/560, 4/560	Etienne De Jong	etienne.dejong@angloamerican.com	083 944 7076	053 739 2911		
Company	TIMASANI CC	RE/738				053-723 0013		
Company	TRANSNET LTD	3/544, 23/543, 1/563	Thabo Lebelo Ms Sonia Munn E Lennox	thabo.lebelo@transnet.net sonia.munn@transnet.net LennoxEC@eskom.co.za		011 308 2220 053 838 3039		
Company	TRANSNET LTD	4/544, 5/560, 1/561, 2/561, 3/561, 6/564, 7/564	Thabo Lebelo Ms Sonia Munn E Lennox	thabo.lebelo@transnet.net sonia.munn@transnet.net LennoxEC@eskom.co.za		011 308 2220 053 838 3039		
Private Person			Badenhorst-Peens, Eliza	elizna.badenhorst@assmang.co.za		537238252		
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	Plaas Genkins / Boskop		Leon Venter	leonventer.lmv@gmail.com ; lmvcillston@gmail.com	082 380 1897			
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Private Person	Plaas Spence		Eben Esterhuizen	eben@huntingspence.co.za	083 305 4444			
Private Person	Plaas Wormald		Danie Fourie	akasia1@telkomsa.net	0824461482	0537231496		
Private Person	Plaas Roozenvele		Dawid H Fourie	fouriedawie3@gmail.com	083 232 5177	053-741 1246		Posbus 221, Hotazel, 8491
Private Person	Plaas Dundrum		Petro Fourie		082-494 3135	053-791 0454		Posbus 47, Dibeng, 8463
Private Person	Plaas Dundrum		Jan Fourie	jan.fourie2708@gmail.com ; dundrum2708@gmail.com	083 612 2434	053-791 0454		Posbus 47, Dibeng, 8463
Private Person	Plaas Toto		Jacobs, Gerhard, G Jacobs, Marie	iacobstoto@gmail.com	082 891 4402	053-331 0155 (w) 053-331 0240		
Private Person			Jeppe, Engela	engot@webmail.co.za	083 388 0898			
Private Person	Plaas Kromvlei		Marietha Kalp / Johan Kalp	johankalp7@gmail.com (not currently working e-mail)	0791967248 / 082 8736571	053-791 0452		Posbus 300, Dibeng, 8463
Private Person	Plaas Mineraal		DJ Koorzen	No e-mail	082 293 9880			Posbus 915, Postmasburg, 8420

Private Person	Plaas Fourross		MJ Koorzen	martin.koorzen@vodamail.co.za	082 574 3033			
Private Person	Plaas Edenvale		Johan Lock			053 724 2008		Posbus 715, Kathu, 8446
Private Person	Plaas Doornvlei		J Manong		076 030 9257			
Private Person	Private - Sishen Mine		Reinie Meyer	meyer567@gmail.com	082 467 4522	012-807 7007		
Private Person	Plaas Young		A Roelofse	ajroelofse@vodamail.co.za	082 415 7358			
Private Person	Solidearth		Stafford, Alma-Celesté	alma.solidearth@gmail.com	0728588074			
Private Person	Plaas Smythe		Steenkamp, JP Steenkamp, JJ	coubies@vodamail.co.za lotlot@vodamail.co.za	082 829 9163			
Private Person			Steenkamp, Pieter, J Steenkamp, Susan	stonysteenkamp@gmail.com susan7steenkamp@gmail.com	073 883 3383 083 555 0225			
Private Person	Plaas Lomoteng		Willie Uys	willie.uys66@gmail.com	084 517 4913	053 321 4268		Posbus 508, Postmasburg, 8420
Private Person	Plaas Murray		Van Der Linde, Tops	topsvdi@lantic.net	082 337 8722	053 723 2173		
Private Person	Plaas Scholtzrus		Van der Merwe, HJ	hendrikvdmerwe@vodamail.co.za	079 890 0715			
Private Person	Plaas Lanham		Van Zyl, André	andre.lanham@gmail.com	082 922 7989	053 724 2000		
Water Association	Tshiping Watervereniging		Viljoen, Albertus	info@tshiping.co.za	083 649 5452	053 313 0595		
Private Person	Plaas Bishopswood		Viljoen, Fred	fred.viljoen@kioldt.com	083 304 1144	053-739 2081		
Private Person	Plaas Bishopswood		H.F. Harding	harding@wol.co.za				
Adjacent	Landowner		Ms W Swart	wilna@host4u.co.za				
Private Person	Plaas Bishopswood		Mr Makgoka	cindsmak@ovi.com				
Private Person	Plaas Bishopswood		J Rossouw	jrossouw3@gmail.com	071 030 3903			
Private Person	Plaas Bishopswood		Mr. Fourie	macroplan@mweb.co.za	054 322 3642			
Private Person	Deben Koördineerder		Ms. M. de Bruin	janmd@lantic.net	071 501 5586			
Private Person			Dian van Rensburg			0537242016		
Private Person			HJS Swanepoel			0538329175		
Private Person			M van der Merwe	mornem@botken.co.za		053 313 2462		
Private Person			GG Jacobs			053 311 0240 053 311 0155		
Private Person		Farm Crossley	N de Ath					
Private Person			JC Wessels		0828557363			
Private Person			J Sarel		0724133326			
Private Person			BJ Press		0731341889			
Interested Party	Nation Water Technical		Mr. Moses Maolani	moseslebogang@gmail.com	072 745 7161			
Interested Party	Lebogang Katlego Business and Molmat Transport Logistics		Mr. Molatelo Mathekg / Lebogang Mathikga	lebogangkatlego@webmail.co.za molatelolkb@gmail.com	076 385 8978		27 Odendaal Street, Klerksdorp	
Interested Party			Raymond Mzwandile Mene	maxed2day@yahoo.com				
Interested Party	DLR Construction-Northern Cape		Mr. Evert Knox	evertknox001@gmail.com	071 454 0660			
Interested Party	Petra Diamonds Finsch Mine	Environmental Specialist	Ms. Elrina Cilliers		082 788 5262	053-385 2377	Finsch Diamond Mine, Central Avenue	PO Box 7, Lime Acres, 8410
Municipality	GAMAGARA MUNICIPALITY	19/543	Pierre Burger	piereb@gamagara.co.za	084 090 6650	053-723 2261 Ext 120		
Municipality	GAMAGARA MUNICIPALITY	19/543	Andre Mostert	andrem@gamagara.co.za	082 906 5348			
Municipality	GAMAGARA MUNICIPALITY	Ward 3	Ms. Monica Orpen	orpenm@gamagara.co.za	078 343 3375			
Municipality	GAMAGARA MUNICIPALITY	Ward 3	Mr. F. Ngume	nqumem@gamagara.co.za	083 699 1182			
Municipality	Siyanda Municipality		F Ruppung	fpr@siyanda.gov.za	082 822 9353	054 337 2800		
Provincial Authority	DWS	Lower Vaal Proto CMA: Northern Cape Provincial Operations	Magonono Fhatuwani Aron	MagononoF@dws.gov.za	072 663 9669	053 836 7656	28 Central Road, Beaconsfield	Private Bag x 6101, Kimberly, 8300
Provincial Authority	DMR		Takalani Khorombi	takalani.khorombi@dmr.gov.za	0538071700			
Provincial Authority	SAHRA		D Sibiya	dsibiya@sahra.org.za	0214324502			
Provincial Authority	Northern Cape Department of Environment and Nature Conservation		Mrs Doreen Werth		(053) 807 7468	dwerth@ncpg.gov.za	Sasko Building Long Street 90 Kimberley	Private Bag X6102 Kimberley 8301
Provincial Authority	Northern Cape Department of Agriculture		Dr. Phemelo Kegakilwe Acting Chief Director - Northern Cape Kimberley		(053) 838 9110	pkegakilwe@ncpg.gov.za dmatlhaku@agri.ncape.gov.za	162 George Street, Kimberley 8301	Private Bag X5018 Kimberley 8300

Tanja Bekker

From: Johannes Nematatani <Johannes.Nematatani@dmr.gov.za>
Sent: 01 November 2018 12:29 PM
To: Tanja Bekker
Cc: Dirk Coetzee
Subject: RE: Khumani EIA Application
Attachments: Section 102 Application Details.docx

Good day

Please kindly note that DMR does not receive any application by hand. All applications are submitted when they are successfully uploaded on the SAMRAD online system of the Department. Attached is the proof of application which indicates the date of application.

Please kindly align your timeframes to the application date which is on the SAMRAD system.

From: Tanja Bekker [mailto:tanja@envirogistics.co.za]
Sent: Thursday, November 1, 2018 12:05 PM
To: Johannes Nematatani <Johannes.Nematatani@dmr.gov.za>
Cc: Dirk Coetzee <Dirk.Coetzee@assmang.co.za>
Subject: RE: Khumani EIA Application

Dear Johannes,

Thank you for your call earlier. Based on our conversation the following is my summary:

1. The application was submitted on 2 October 2018. Note that the EIA Regulations (Chapter 2, Regulation 6) states that (6) The competent authority must acknowledge receipt of all applications and documents contemplated in regulations 16, 19, 21, 23, 29, 30, 31, 32 and 34 within ten days of receipt thereof. You indicated that the application was only registered on 16 October 2018. However, please note that based on the regulations, the timeframes commence from date of receipt.
2. The Scoping Report was submitted on 17 October 2018. This is in line with the regulations, as we need to submit the final Scoping Report to the DMR within 44 days from the application. Therefore the Final Scoping Report must be submitted to the DMR on 16 November 2018.
3. Activities:
 - a. In terms of the activities, the only new activities, not previously approved for in terms of an Environmental Authorisation, is that of the new Return Water Dam 3 (Project 1), and the pipelines and a storage compartment (Project 2). Note that construction of these activities have NOT commenced. These are planned activities.
 - b. Project 3 is based on approved Environmental Authorisations. The mine is currently busy as part of the EIA process to undertake a detailed storm water study and water balance. This study may result in the need to amend operational aspects or minor alterations to approved Environmental Authorisation. It is not foreseen that any design changes which will impact on the footprint sizes (which may trigger listed activities) will take place, however, as these still require water use licences listing 1 (activity 34) and listing 2 (activity 6) is triggered.
4. During the second conversation you indicated that you will only list the listed activities being applied for, and not present details on the specific activities. This is acknowledged. The construction and operation of the activities, if approved, will have to comply with the conditions in the EA and the EIA/EMPr and therefore this should not present any future management or auditing concern.

As per our discussion, please let me know should you wish to undertake a site visit or have us meet at your offices to present more detail on the project should this be required.

I hope you find the clarification in order.

Best of Wishes,
Tanja

Tanja Bekker

From: Tanja Bekker
Sent: 01 November 2018 12:05 PM
To: Johannes Nematatani
Cc: 'Dirk Coetzee'
Subject: RE: Khumani EIA Application
Attachments: Proof of Delivery of Application.pdf; DMR Proof of Submission.pdf

Dear Johannes,

Thank you for your call earlier. Based on our conversation the following is my summary:

1. The application was submitted on 2 October 2018. Note that the EIA Regulations (Chapter 2, Regulation 6) states that (6) The competent authority must acknowledge receipt of all applications and documents contemplated in regulations 16, 19, 21, 23, 29, 30, 31, 32 and 34 within ten days of receipt thereof. You indicated that the application was only registered on 16 October 2018. However, please note that based on the regulations, the timeframes commence from date of receipt.
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As per our discussion, please let me know should you wish to undertake a site visit or have us meet at your offices to present more detail on the project should this be required.

I hope you find the clarification in order.

Best of Wishes,
Tanja

Section 102 Application Details

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Record Number #: NC-00126-MR/102

Status: Application Acknowledged - Adjudication In Progress

Status Bar:

Aged Days 16

References

[Add Reference](#)

[Delete Reference](#)

Total Records: 39

Page 1 of 1

Sorted by: Date Created

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<input type="checkbox"/>	King 2	Upload	October 16, 2018	OLYN, TONY	
<input type="checkbox"/>	King RE	Upload	October 16, 2018	OLYN, TONY	
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<input type="checkbox"/>	Khumani Cadastral	Upload	October 16, 2018	OLYN, TONY	
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<input type="checkbox"/>	WUL 2013	Upload	October 16, 2018	OLYN, TONY	Edit
<input type="checkbox"/>	Appendix 6_Applications (incl DWS meeting minutes)\2016 Resubmission Pre Application Meeting Presentation	Upload	October 16, 2018	OLYN, TONY	Edit
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Assmang (Pty) Ltd

Khumani Iron Ore Mine
 2016 WUL Resubmission
 Water Use License Application Process
 22 February 2018

Presented by:
 EnviroGistics (Pty) Ltd
 Ms. Tanja Bekker

MSc. Environmental Management
 Certified EAPSA* PdsL Reg. 400189/09

Agenda

- Introduction – presented as part of S21a presentation
- Mine location – presented as part of S21a presentation
- Background to 2016 WUL
- Water Uses Required
- Specialist Outcomes
- Way Forward

Introduction

- Applicant: Khumani Iron Ore Mine - Assmang (Pty) Ltd
- Northern Cape Province, 15km south of the town of Kathu
- The mine falls within two Local and District Municipalities within the Northern Cape Province.
 - The farm Mokaning is situated within the Tsantsabane Local Municipality (NC085), which forms part of the ZF Mgcawu District Municipality (formally known as the Siyanda District Municipality)
 - The farms Parson, Bruce and King are situated within the Gamagara Local Municipality (NC01B1), which forms part of the John Taolo Gaetsewe Districts Municipality (formally known as the Kgalagadi District Municipality)
- The mine is located in the quaternary catchment D41J

BAR Environmental Authorisation Process



Introduction

- In 2007, Khumani was granted a mining right and mine construction began shortly thereafter.
- Production at Khumani started in 2008.
- Khumani has the capacity to mine approximately 16 million tons of iron ore per annum, which is mined from a series of open pits by conventional mining methods such as drilling, blasting and loading into trucks for haulage to the crushers.
- To date no dewatering has been required from Khumani mine to ensure safe mining conditions.
- Water supply for processing has been supplied by Sedibeng Water Board via the Vaal/Gamagara Pipeline.

Current Legal Environmental Authorisations

Permits:

- NEMWA:
 - Permit 12/9/11/L812/8 for the Landfill Site and Hazardous Storage Facility.
- NWA:
 - WUL License: 10/041/8C11/2122 for the 2013 Water Use License
- NEMA (and ECA):
 - Permit 43/2005 for the development of an Iron ore open cast mine with all associated infrastructure
 - Permit 47/2009 for the Railway Line Diversion and Local Siding Establishment
 - Permit 37/2012 for the expansion of diesel storage and a silo for explosives, construction of a tar road and additional refuelling station, storm water dams and storage tanks.
 - Permit 56/2013 for the Off-grade 2 Plant
 - Permit 21/2016 for the construction of the WHIMS Plant at Parson, the Expansion of the Parson Discard Dump, Bruce Low Grade ROM Stockpile and King/Mokaning Low Grade ROM Stockpile, and the establishment of additional Low Grade Stockpiles at King.
- MPRDA:
 - MPRDA ROD 2007 for the new Mining Operation and associated EMP dated February 2005
 - MPRDA RoDS – updated 2007 (document date of modifications states August 2007) for the Barrier Pillar and associated EMP dated April 2007 (EMP resulted in a change to certain commitments by the mine since the original EMP)
 - MPRDA ROD 2011 – for the additional infrastructure such as the local siding in line with Permit 47/2009
 - MPRDA ROD 2012 – for the additional infrastructure such as the diesel storage in line with Permit 37/2012

Current Legal Environmental Authorisations

WUL Reference 10/D411/BCIJ/2122 for Section 21(a), Section 21(c&i), Section 21(g) and Section 21(j) water uses was issued on **16 March 2013**. The water uses include:

- Section 21(a):**
 - Taking of 14 832m³/annum of water for PBE01;
 - Taking of 5 820m³/annum of water from PBW02;
- Section 21(b):**
 - Dust Suppression Dam (King) with a capacity of 4 000m³;
 - Diversion Catchment Dam (King) with a capacity of 49 500m³;
 - Diversion Catchment Dam (King) with a capacity of 19 400m³;
 - Diversion Catchment Dam (King) with a capacity of 43 500m³;
- Section 21(c) and Section 21(i):**
 - King Culvert A (Small non-perennial tributary);
 - King Culvert B (Small non-perennial tributary);
 - King Culvert C (Small non-perennial tributary);

Current Legal Environmental Authorisations

- Railway crossing 1 (non perennial small tributary);
- Railway Crossing 2 (Non perennial small tributary);
- Railway Crossing 3 (non-perennial small tributary);
- King/Mokaning Diversion (River: Watercourse no1);
- Conveyor Crossing (River: Gamagara River);
- Haul Road Crossing (River: Gamagara River);
- Railway Crossing 1 (River: Water Course No. 2);
- Railway Crossing 2 (River: Watercourse no 2);
- Conveyor Crossing 1 (River: Watercourse no 2);

Section 21(g):

- Various;

Section 21(j):

- Removing of 432 000m³/annum of water from King/Bruce pits based on an average of 1 200m³/day.

Water Supply Agreements/Approvals

Water supply on the mine:

- Domestic and Process Water:**
 - Source: Sedibeng Pipeline
 - Volume: Water is supplied at the maximum rate of 800m³/hour (292 000m³) from an abstraction point on the existing Vaal Gamagara water pipeline at the farm Parson
- Construction Water Supply**
 - Source: Two boreholes (farm Parson)
- Annual approved volume:**
 - Taking of 14 832m³/annum of water for PBE01;
 - Taking of 5 820m³/annum of water from PBW02

Background to Project

- It is the intention of Assmang to upgrade infrastructure on the Farms Bruce, Parsons and King within their existing mining boundary area.
- The proposed upgrades on the farm Bruce include:
 - The extension of the existing approved Bruce Low Grade Run of Mine (ROM) Stockpile and Overburden Dump with an additional footprint area of 75ha.
- The proposed upgrades on the farm Parsons include:
 - The extension of the existing approved Low Grade Stockpile (previously known as the Parson Discard Dump);
 - Tertiary By-pass Stockpile area at the existing Low Grade Stockpiles;
 - A new Low-Grade Reclaim Facility adjacent to the existing Low Grade Stockpile;
 - The new WHIMS 2 Plant; and
 - Three (3) additional conveyors.
- The proposed upgrades on the farm King include:
 - Extension of the existing King/Mokaning Overburden Low-Grade ROM Stockpile; and
 - A new Low Grade Stockpile for reclaiming purposes within the King Plant area.

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Background to Project

Environmental Authorisation was granted by the Northern Cape Department of Environment and Nature Conservation (DENC) to Khumani Iron Ore Mine to develop the proposed Dump extensions on Parson (Portions 2, 6 and the Remainder of Parson No. 564), King (Portions 1, 2, 3 and the Remainder of King No.561), Bruce (Portions 3, 4, 5 and the Remainder of Bruce No. 544) and Mokaning (Portions 1, 2,3,4,5 and the Remainder of Mokaning No. 560). This authorisation was granted on 27 June 2016.

WUL Application was submitted in November 2016 by GCS (Pty) Ltd

Specialist Studies

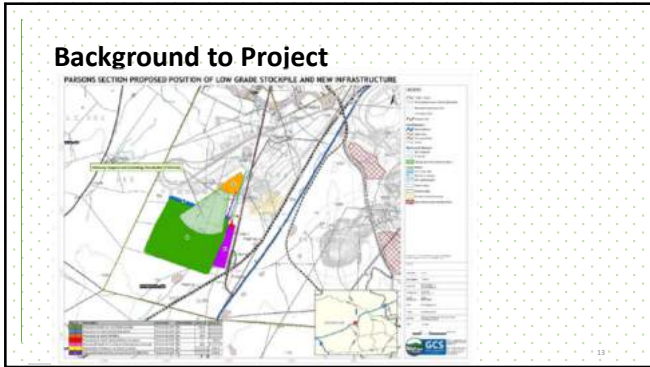
- Wetland Studies
- Ecological Studies
- Storm Water Management Plans
- Groundwater risk assessments
- Waste Classification

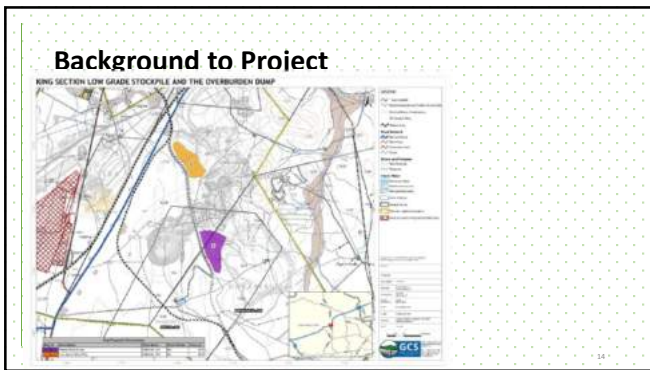
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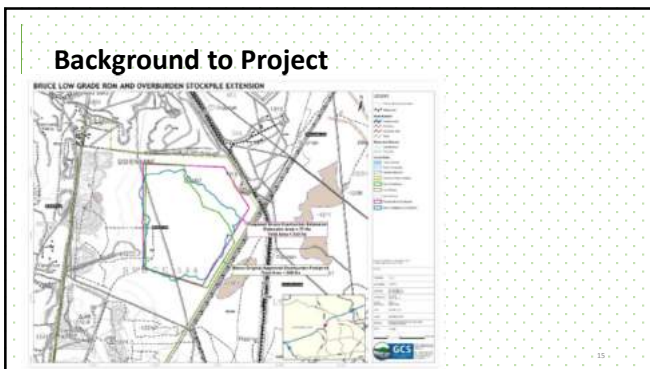
Background to Project

DISTRICT AND LOCAL MUNICIPALITY MAP

12







Water Uses

Summary of the Section 21(a) and (ii) Water Uses

Map No	Description	Co-ordinate	Property	Volume / Tonnage (per day)	Use
1	Low-Crude Leachings	22 52 52.47 E 22 52 53.12 E	Remainder of Block 54A	950 000 m ³	20.5
2	Low-Crude Tailings	22 52 52.47 E 22 52 53.12 E	Remainder of Block 54A	250 000 m ³	20.9
3	Low-Crude and Tail-Stocks	22 52 46.2 E 22 52 46.2 E	Remainder of Block 54B	5 200 000 m ³	75

Summary of the Section 21(a) Water Uses

Map No	Description	Co-ordinate	Property	Volume / Tonnage (per day)	Use
1	Low-Crude Leachings	22 52 52.47 E 22 52 53.12 E	Remainder of Block 54A	12 000 000 m ³	20.5
2	Low-Crude Tailings	22 52 52.47 E 22 52 53.12 E	Remainder of Block 54A	3 500 000 m ³	20.9
3	Low-Crude and Tail-Stocks	22 52 46.2 E 22 52 46.2 E	Remainder of Block 54B	50 500 m ³	21.1
4	High-Crude Leachings	22 52 52.47 E 22 52 53.12 E	Block 54A	7 210 100 m ³	49.2
5	High-Crude Tail-Stocks	22 52 46.2 E 22 52 46.2 E	Block 54B	5 200 000 m ³	75

RHUMANI WATER USE LICENSE APPLICATION AREAS

16

Process to date

A meeting was held with the DWS on 22 August 2017 to discuss the way forward in terms of the Khumani WUL applications. The outcomes of this meeting were as follows:

- o 2016/2017 Process (New WUL Application)
 - This application is not open, the DWS kept the application open hoping that the client will submit the additional information as soon as possible which did not happen. As the DWS indicated they only capture applications that are complete, once Assmang submits the fully completed application only then will the administrator capture it on the system with a new submission date. (for clarification and referring to the point before, the DWS did receive the information, but it was in a dropbox format which was not accessible to the DWS. Ms. Esther Adeyileka did not inform the applicant of this constraint at that time, at which time, and if known, would have presented to the DWS in a different format).
 - Old studies can be used for resubmission (if there are not any changes);
 - Any relevant new studies already undertaken for the Mine can be submitted as additional supporting documentation

17

Way Forward

EnviroGistics were appointed to undertake the 2016 WUL Submission

18



ASSMANG
IRON ORE



Khumani Iron Ore Mine: Water Augmentation Project, WUL Amendment and Resubmission of 2016 Application

Meeting with: DWS

Venue: Khumani Iron Ore Mine: Engineering Boardroom

Date: 22 February 2018

Time: 8h00 onwards

Name & Surname	Designation	Company	Cell phone	Email	Signature
Tanya Bekker	EAP	EnviroGistics	082 412 1799	tanya@envirogistics.co.za	
Lanauld Westphal	ELG	Legal Advisor	071 681 9548	lana@envirolawgroup.co.za	
Guillaume de Suredt	Pt Eng	Geo Tail	082 579 2059	gds@geotail.co.za	
THOMAS ABBOTT	Area manager	SSIMS	083 4106258	thomas.abbott@ssimssouthafrica.com	
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B. Khumani	Plant Mgt	II	026 025 6150	Bafana.Khumani@assmang.com	
S. Jans	Planning	Assmang	073 977 3384	johannes.jans@assmang.co.za	
C. Kempwani	ENG MAN.	Assmang	083 652 0939	corne.kempwani@assmang.co.za	
D. Coetzee	Sub Env Services	Assmang	083 459 7580	dick.coetzee@assmang.co.za	
K. Tleane	E.O	DWS	073 611 7307	htleane@dwa.gov.za	
A. Johnson	Technical Services Mgr.	Assmang	082 827 8919	andre.johnson@assmang.co.za	
G. Makatong	Manager Mining	ASSMANG	076 507 5161	gasego.makatong@assmang.co.za	
C. Kgope	HOD Mining	Assmang	0731 419 214	carolus.kgope@assmang.co.za	
Megan Masson	Goldf Hydrogeologist	Goldf.	082 808 4730	memaasson@goldf.co.za	

MINUTES OF MEETING

Project Name:	Khumani WUL Amendment, Resubmission and S21a Application
Purpose of Meeting:	Pre Application Meeting
Date of Meeting:	22 February 2018
Meeting Venue:	Khumani Engineering Boardroom
Attendees:	Please see attached attendance register
Distribution of Minutes to:	All attendees

The minutes are captured to present the main outcomes of the meeting and has not been taken verbatim.

#	Discussion Point	Responsibility
1.	Introduction	
	Andrew Johnston (Assmang) welcomed all present. All parties introduced themselves around the table.	
2.	Background	
	<p>TB Presented the background to the project based on the meeting held between the DWS and Assmang during August 2017 (please refer to the attached minutes). The projects involves:</p> <ul style="list-style-type: none"> Abstraction of groundwater for four months of a year to augment water supply from the Sedibeng line during the periods when this water supply are not available (please refer to attached presentation for more details on the discussion). Amendment of the 2013 WUL to rectify administrative errors. Resubmission of the 2016 WUL and any activity which cannot be included as part of the R158 Amendment process. <p>PM (DWS) requested why three separate process are undertaken and they would require only one process. This is specifically important considering the Departments strain on resources.</p> <p>LvdW (ELG) stated that this was the instruction received from the DWS during meeting held at the DWS office in Kimberley on 22 August 2018.</p> <p>PM reiterated that three processes should not be followed but that the application should be submitted as one combined Water Use License (WUL) application.</p>	
3.	Surge Dam	
	<p>TB explained that a request for emergency intervention was submitted to the DWS during December 2017, but that this was rejected as the application was not regarded as an emergency, but rather poor planning.</p> <p>PM concurred with this.</p>	



[Document title]

Departmental Ref: 10/D41J/BC1J/2122

Project Ref: 21522, 21729, 21804

Version: 1

#	Discussion Point	Responsibility
	<p>GdS presented feedback on the background of the application. Outcomes</p> <ol style="list-style-type: none"> 1. The Engineer will provide you with a summary of the Phase 1 approach (lifting the upgradient wall within the footprint of the Paste disposal facility) to allow for ongoing deposition of paste, whilst the mine can continue with the mining of the Opencast Pit. (note that this was submitted to the DWS on 1 March 2018) 2. This phase sole purpose would be to keep the surge dam safe during paste deposition. 3. In the interim the operation will apply for a Water Use License for the formal change in capacity and design of the facility. 4. During the site visit the DWS indicated that a meeting with the civil department may not be required, as the activity is within the approved paste footprint and that a short motivation report could be submitted to the DWS and that Philani will then consult with Gift Bhebhe to clarify whether there are any civil concerns. 5. At the end of the meeting session, a site visit was undertaken, at which time the DWS concurred that the project may not be as significant as initially assumed and that the project team should provide a letter to the DWS which PM will then discuss with Mr. Gift Bhebe. A Meeting will therefore not be required at this time. PM will discuss this with the Civil Department and revert back to the applicant. 	<p>Guillaume de Swart</p> <p>DWS (PM)</p>
4.	Section 21a, Section 158 amendment and resubmitting of 2016 WUL	
	<p>TB explained that initially the instruction to the licence holder was to separate the Section 158 Amendment application from the new applications. The DWS (PM), however during the meeting requested that the WULs in fact be consolidated due to the logistics of assessing numerous WULs and the capacity constraints this causes in the department.</p> <p>Golder presented a detailed presentation on the current numerical model (see attached).</p> <p>PM raised his concern regarding the Section 21 water augmentation project, due to the restrictions in the current reserve of the catchment. The DWS requested that an overarching assessment of the water availability in the catchment or even aquifer scale be submitted as part of the hydrogeological assessment.</p> <p>The DWS indicated that the S21b water uses which were not included (although applied for) in the previous WULs could be included in the new application and that these were likely excluded as the DWS generally focus of earth dams. If licensing is not required, these could then be registered.</p> <p>The DWS acknowledged that the coordinates should be corrected of all activities, and that corner points of S21g water uses should be included. The DWS also indicated that the sewage treatment plants should be included into the WUL.</p> <p>The DWS stated that all water uses (S21g) not approved (included into the 2013 motivation application, as well as the 2016 WUL application) be included into the consolidated WUL application.</p> <p>The DWS stated that GN704 exemptions should be applied for, for backfilling and also where infrastructure are located near watercourses/wetlands and that supporting specialist studies must be submitted for this purpose.</p>	<p>Golder and Associates</p> <p>EnviroGistics</p> <p>EnviroGistics</p> <p>EnviroGistics</p> <p>EnviroGistics</p>



[Document title]

Departmental Ref: 10/D41J/BC1J/2122

Project Ref: 21522, 21729, 21804

Version: 1

	The DWS requested that all specialist studies available be submitted as part of the WUL.	
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Tanja Bekker

From: Adeyileka Esther Thivhionali(KBY)
Sent: 23 August 2017 12:20 PM
To: Adv. Lana van der Westhuizen; Memela Nokulunga (KBY); Magonono Fhatuwani Aron; Rabothata Lesego; Tleane Koketso (KBY)
Cc: 'Dirk Coetzee'; 'Tanja Bekker'; kate@gcs-sa.biz; 'Joe Schoeman'
Subject: RE: DWS Meeting_22/08/2017

In agreement.

From: Adv. Lana van der Westhuizen [mailto:lane@envirolawgroup.co.za]
Sent: 23 August 2017 11:49 AM
To: Adeyileka Esther Thivhionali(KBY); Memela Nokulunga (KBY); Magonono Fhatuwani Aron; Rabothata Lesego; Tleane Koketso (KBY)
Cc: 'Dirk Coetzee'; 'Tanja Bekker'; kate@gcs-sa.biz; 'Joe Schoeman'
Subject: RE: DWS Meeting_22/08/2017

Dear Esther

Noted, thank you very much.

My apologies, for wrong use of wording. I meant to say that the application has not been rejected. I also mentioned that *"Only once the final outstanding information has been submitted, will the official process and timeframes commence"*.

We are 100% on the same page.

Kind regards,

Lana



Website: www.envirolawgroup.co.za

From: Adeyileka Esther Thivhionali(KBY) [mailto:AdeyilekaE@dws.gov.za]
Sent: Wednesday, 23 August 2017 11:41 AM
To: Adv. Lana van der Westhuizen <lane@envirolawgroup.co.za>; Memela Nokulunga (KBY) <MemelaN@dws.gov.za>; Magonono Fhatuwani Aron <MagononoF@dws.gov.za>; Rabothata Lesego <RabothataL@dws.gov.za>; Tleane Koketso (KBY) <TleaneK@dwa.gov.za>
Cc: 'Dirk Coetzee' <Dirk.Coetzee@assmang.co.za>; Tanja Bekker <tanja@envirogistics.co.za>; kate@gcs-sa.biz; Joe Schoeman <Joe.Schoeman@arm.co.za>
Subject: RE: DWS Meeting_22/08/2017

Good day Lana;

I want to correct the following statement:

2016/2017 Process

- **This application is still open**-This application is not open, we kept the application hoping that the client will submit the additional info. asap which did not happen. As we indicated we only capture applications that are complete, once Assmang submits the fully completed application only then will the administrator capture it on the system with a new submission date.

Regards;
Esther

From: Adv. Lana van der Westhuizen [<mailto:lane@envirolawgroup.co.za>]

Sent: 22 August 2017 01:37 PM

To: Adeyileka Esther Thivhonali(KBY); Memela Nokulunga (KBY); Magonono Fhatuwani Aron; Rabothata Lesego; Tleane Koketso (KBY)

Cc: 'Dirk Coetzee'; Tanja Bekker; kate@gcs-sa.biz; Joe Schoeman

Subject: Re: DWS Meeting_22/08/2017

Importance: High

Dear Esther, Aron and Team

I refer to the meeting held at your offices this morning.

The following way-forward was discussed and agreed upon by all parties:

General

- Mr Magonono will be replacing Ms Adeyileka-Makungo as the case officer for the water use licence applications under discussion.
- It is noted that new Regulations were promulgated in 2017 governing the water use licence application process.
- All required information to be submitted to the Department in hard copy and CD.
- All information to be submitted at once and not separately (and/or in sections).

2008/2013 Process

- The formal letter of rejection from the DWS (dated 07 August 2017) only pertains to the amendment application submitted on 4 September 2013 (10/D41J/BCJ/2122; 21/11/2008; and 719242).
- The reasons for the abovementioned rejection relate to:
 - The Department cannot trace the administrative mistakes;
 - The Department was unable to source the relevant application documents from DWS Head Office;
 - The Department was unable to source the comments from DWS Head Office;
 - Some of the requested amendments were seen as upgrades and not administrative mistakes.
- **Decided process to be undertaken:**
 - **Step 1:** A Section 158-process to rectify all administrative mistakes, water use exclusions and other omissions. Template provided by the Department to be used.
 - Once the abovementioned administrative mistakes have been rectified, the initial 2008 and 2013 WULs will be a consolidated document.
 - **Step 2:** Resubmission of the 2013 amendment application in terms of the new format. (To be confirmed with Specialist if the initial amendment application process included additional water uses and/or capacities)
 - Old studies can be used for resubmission (if there are not any changes);
 - Any relevant new studies already undertaken for the Mine can be submitted as additional supporting documentation.

2016/2017 Process

- This application is still open.

- The Department requires the submission of the information highlighted (in red) in Esther’s email of 08 August 2017.
- Only once the final outstanding information has been submitted, will the official process and timeframes commence.
- Regarding the required detailed designs for the waste rock dumps – only the new additional areas to be considered.

Please acknowledge receipt of this email and confirm the porcess as discussed.

Thank you, once again, for your time and asistance.

Kind regards,

Adv. Lana van der Westhuizen



Website: www.envirolawgroup.co.za

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Assmang (Pty) Ltd

Khumani Iron Ore Mine
Water Use License Amendment Application
22 February 2018

Presented by:
EnviroGistics (Pty) Ltd
Ms. Tanja Bekker

MSC Environmental Management
 Certified EAPSA, PdsL Reg. 400189/09

Agenda

- Introduction
- Mine location (presented as part of the S21a Pre-Application Meeting)
- Background to WUL Amendment Process
- Discussion on amendment requirements
- Discussion on water uses
- Way Forward

Introduction

- Applicant: Khumani Iron Ore Mine - Assmang (Pty) Ltd
- Northern Cape Province, 15km south of the town of Kathu
- The mine falls within two Local and District Municipalities within the Northern Cape Province.
 - The farm Mokaning is situated within the Tsantsabane Local Municipality (NC085), which forms part of the ZF Mgcawu District Municipality (formally known as the Siyanda District Municipality)
 - The farms Parson, Bruce and King are situated within the Gamagara Local Municipality (NC0181), which forms part of the John Taolo Gaetsewe Districts Municipality (formally known as the Kgalagadi District Municipality)
- The mine is located in the quaternary catchment D41J



Introduction

- In 2007, Khumani was granted a mining right and mine construction began shortly thereafter.
- Production at Khumani started in 2008.
- Khumani has the capacity to mine approximately 16 million tons of iron ore per annum, which is mined from a series of open pits by conventional mining methods such as drilling, blasting and loading into trucks for haulage to the crushers.
- To date no dewatering has been required from Khumani mine to ensure safe mining conditions.
- Water supply for processing has been supplied by Sedibeng Water Board via the Vaal/Gamagara Pipeline.

Current Legal Environmental Authorisations

Permits:

- NEMWA:
 - Permit 12/9/11/1812/8 for the Landfill Site and Hazardous Storage Facility.
- NWA:
 - WUL License: 10/041/8C11/2122 for the 2013 Water Use License
- NEMA (and ECA):
 - Permit 43/2005 for the development of an Iron ore open cast mine with all associated infrastructure
 - Permit 47/2009 for the Railway Line Diversion and Local Siding Establishment
 - Permit 37/2012 for the expansion of diesel storage and a silo for explosives, construction of a tar road and additional refuelling station, storm water dams and storage tanks.
 - Permit 56/2013 for the Off-grade 2 Plant
 - Permit 21/2016 for the construction of the WHIMS Plant at Parson, the Expansion of the Parson Discard Dump, Bruce Low Grade ROM Stockpile and King/Mokaning Low Grade ROM Stockpile, and the establishment of additional Low Grade Stockpiles at King.
- MPRDA:
 - MPRDA ROD 2007 for the new Mining Operation and associated EMP dated February 2006
 - MPRDA RoDS – updated 2007 (document date of modification states August 2007) for the Barrier Pillar and associated EMP dated April 2007 (EMP resulted in a change to certain commitments by the mine since the original EMP)
 - MPRDA ROD 2011 – for the additional infrastructure such the local siding in line with Permit 47/2009
 - MPRDA ROD 2012 – for the additional infrastructure such as the diesel storage in line with Permit 37/2012

Current Legal Environmental Authorisations

- WUL Reference 10/D411/BCJ/2122 for Section 21(a), Section 21(c&i), Section 21(g) and Section 21(j) water uses was issued on **16 March 2013**. The water uses include:
 - Section 21(a):
 - Taking of 14 832m³/annum of water for PBE01;
 - Taking of 5 820m³/annum of water from PBW02;
 - Section 21(b):
 - Dust Suppression Dam (King) with a capacity of 4 000m³;
 - Diversion Catchment Dam (King) with a capacity of 49 500m³;
 - Diversion Catchment Dam (King) with a capacity of 19 400m³;
 - Diversion Catchment Dam (King) with a capacity of 43 500m³;
 - Section 21(e) and Section 21(i):
 - King Culvert A (Small non-perennial tributary);
 - King Culvert B (Small non-perennial tributary);
 - King Culvert C (Small non-perennial tributary);

Current Legal Environmental Authorisations

- Railway crossing 1 (non perennial small tributary);
- Railway Crossing 2 (Non perennial small tributary);
- Railway Crossing 3 (non-perennial small tributary);
- King/Mokaning Diversion (River: Watercourse no1);
- Conveyor Crossing (River: Gamagara River);
- Haul Road Crossing (River: Gamagara River);
- Railway Crossing 1 (River: Water Course No. 2);
- Railway Crossing 2 (River: Watercourse no 2);
- Conveyor Crossing 1 (River: Watercourse no 2);
- Section 21(g):
 - Various;
- Section 21(j):
 - Removing of 432 000m³/annum of water from King/Bruce pits based on an average of 1 200m³/day.

Background to WUL Amendment

- A meeting was held at the DWS offices in Kimberley on 22 August 2017. This meeting was attended by Mr. Aron Magonono, Ms. Esther Thivhoni, Adv. Lana van der Westhuizen and Mr. Dirk Coetzee:
 - The formal letter of rejection from the DWS (dated 07 August 2017) only pertains to the amendment application submitted on 4 September 2013 (10/D411/BCJ/2122; 21/11/2008; and 719242). The reasons for the abovementioned rejection relate to:
 - The Department cannot trace the administrative mistakes;
 - The Department was unable to source the relevant application documents from DWS Head Office;
 - The Department was unable to source the comments from DWS Head Office;
 - Some of the requested amendments were seen as upgrades and not administrative mistakes.
 - Requests from DWS:
 - A Section 158-process to rectify all administrative mistakes, water use exclusions and other omissions. Template provided by the Department to be used.
 - Once the abovementioned administrative mistakes have been rectified, the initial 2008 and 2013 WULs will be a consolidated document.

Background to WUL Amendment Process

- The operation received a Water Used Licence (WUL), Reference 719242 for Section 21(a), Section 21(c&i), Section 21(g) and Section 21(j) water uses on **27 November 2008**
- Subsequent to the 2008 WUL issue an amendment request was lodged. The report titled Khumani Iron Ore WUL, dated **30 September 2009** and was specifically for Section 21b water uses, additional railway crossings, certain Section 21g uses
- In October 2011 an additional amendment was included for S21b uses and the installation of culverts in terms of S21c&i and various S2g uses
- On **23 August 2012** a meeting was held with representatives of the DWS at the mine. During this meeting, the department made certain suggestions and requests in order to process the two pending Water Use Licenses (2009 and 2011). The re-submission of both Water Use License Applications, application forms for the water uses taking place at the Khumani Iron Ore mine was requested, together with an updated water balance and summary table:
 - Based on the outcomes of the meeting a letter was submitted to the DWS, Mr. S Lupa dated **16 October 2012**.
 - On **7 December 2012** a meeting was held with the DWS at Roodeplaat Dam. The purpose of this meeting was to discuss the background to the WUL, which included the 2008 approval and the amended submissions on 2009 and 2011. This meeting also addressed the incorrect coordinates of the Kin/Mokaning Diversion to which the DWS recommended a letter be compiled with the correct coordinates. The required information was submitted to the DWS on 12 December 2012

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Background to WUL Amendment Process

- The operation received an updated Water Used Licence (WUL), Reference 10/D41/BC11/2122 for Section 21(a), Section 21(c&i), Section 21(g) and Section 21(j) water uses on **16 March 2013**.
- Subsequent to the issuance of the 2013 WUL, the applicant took due diligence to assess the water uses authorized especially due to the lapse in time since 2009. The outcomes of this assessment were that various water uses were excluded from the WUL. For this reason a meeting was held with the DWS on **31 May 2013** at the DWS Offices in Kimberley.
 - The meeting detailed all water uses excluded and also where amendments were required. This was also presented to the DWS in a tracked changes document in which the conditions requiring amendment was indicated.
 - The outcomes of this meeting was that the word document of the tracked changes document be submitted to the DWS and the DWS (Ms. Loraine Nobela with Ms Esther Makungo) would address this with the relevant DWS Officials.
 - Ms. Loraine Nobela also advised the consultants to submit a motivation report for presentation to the WUAAC Committee for the inclusion of the two dams at the plant which will be relocated and redesigned into the IWUL while undertaking the amendment
- An email was received from Ms. Loraine Nobela on **1 August 2013** in which the DWS requested that the required amendment is with the WUAAC and it is required that a formal amendment in terms of Section 150 be submitted for presentation to the WUAAC. This formal amendment was submitted to the DWS on **4 October 2013** with a letter dated 4 September 2013.

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Background to WUL Amendment Process

- An email was received from Ms. Esther Makungo on **9 July 2015**. The trail of the email presented the following:
 - The Asomang Iron Ore Amendment was ready for presentation to the WUAAC. The email, dated 7 July 2015 stated that the officials should start drafting the Record of Recommendation and Licenses for presentation on 16-17 July 2015.
 - Ms. Esther Makungo requested, on 9 July 2015 a copy of the 2008 WUL, which was provided to them on the same day (9 July 2015).
 - Subsequent to this submission an email received from the DWS, Ms. Esther Makungo, dated **19 November 2015**, informed the consultants that at that time that the Khumani amendment has been placed on hold for further authorization.
- On **8 August 2017** and email was received from Ms. Esther Makungo The email stated that the Khumani amendment application will be rejected due to the following reasons:
 - There is no tangible proof that the water uses that are claimed to have been omitted by the Department, for both licenses were previously applied for;
 - Increase in capacity and additional water uses will require a new application and supporting documentation.
 - The applicant has to separate the request for each license and also the conditions that can be amended according to Section 50 and 158 of the National Water Act (Act 36 of 1998) from the conditions that require an upgrade on the water uses/omitted water uses.
 - The DWS do not have proper tracking of information submitted previously for Khumani that the Department can add on this application, the filing system is being upgraded, hence it is expected that all info is submitted for each application as per checklist requirements;
 - The DWS last communication indicated that the DWS will have a meeting with the applicant to discuss the application and data request – as per the list presented in the email – however, Khumani did not respond to the meeting request.

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Background to WUL Amendment Process

Based on the above, a meeting was held with the DWS on 22 August 2017 to discuss the way forward in terms of amendment the WUL.



13

Amendment Requests


Revert to Word Document...



14

Way Forward

Open Discussion



15

Our Ref:



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
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Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13063

Date: Thursday November 15, 2018
Page No: 1

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Assmang (Pty) Ltd

DRAFT Environmental Scoping Report for in terms of Nation Environmental Management Act, 1998 for: Project 1: New Return Water Dam 3. Project 2: New Infrastructure (New Water Containment Facility and Pipelines Project 3: Water Use License (WUL) amendment

Thank you for notifying SAHRA of the Environmental Authorisation (EA) and Water Use License Amendment for the Khumani Iron Ore Mine, near Kathu, Northern Cape Province.

As the proposed development is undergoing an EA Application process in terms of the National Environmental Management Act, 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations, it is incumbent on the developer to ensure that a **Heritage Impact Assessment (HIA)** is done as per section 38(3) and 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA). This must include an archaeological component, palaeontological component and any other applicable heritage components. The HIA must be conducted **as part of the** EA Application in terms of NEMA and the NEMA EIA Regulations.

The quickest process to follow for the archaeological component would be to contract a qualified archaeologist (see www.asapa.org.za or www.aphp.org.za to provide an Archaeological Impact Assessment (AIA). The AIA must comply with the SAHRA 2007 Minimum Standards: Archaeological and Palaeontological Component of Impact Assessments. The Minimum Standards refer to a Letter of Recommendation for Exemption that the contracted specialist may submit, should they deem that the proposed development will not impact any heritage resources.

The proposed development area is located within an area of moderate and high sensitivity in terms of palaeontological resources as per the SAHRIS PalaeoSensitivity map. A desktop Palaeontological Assessment is therefore required. The report must comply with the SAHRA 2012 Minimum Standards: Palaeontological Component of Heritage Impact Assessment. A list of qualified palaeontologists can be supplied upon request. The Minimum Standards refer to a Letter of Recommendation for Exemption that the contracted specialist may submit, should they deem that the proposed development will not impact any heritage resources.

Our Ref:



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13063

Date: Thursday November 15, 2018
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Any other heritage resources as defined in section 3 of the NHRA that may be impacted, such as maritime archaeology, built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

It is noted that the Scoping Report has been submitted. The draft EIA and appendices must be submitted at the start of the public review process so that an informed comment can be issued.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/513690>

Our Ref:



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Department of Arts and Culture

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Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13063

Date: Thursday November 15, 2018
Page No: 3

(DMR - NC, Ref: NC30/5/1/2/3/2/1/070)

Tanja Bekker

From: Johannes Nematatani <Johannes.Nematatani@dmr.gov.za>
Sent: 04 December 2018 09:32 AM
To: Tanja Bekker; Pieter Swart; Ntsundeni Ravhugoni
Cc: Dirk Coetzee; lana@envirolawgroup.co.za
Subject: RE: Khumani EIA Application - confirmation of submission of final ESR

Good day

The acknowledgement of receipt has been handed over to the person who delivered the document and a copy has been filed by our registry. It is unfortunate that I can retrieve a copy of acknowledgement of receipt and send it to you as the Department has packed its archives in preparation for the relocation to another building. What I will provide you with is either the acceptance or conditional acceptance of the Scoping Report / rejection of the Scoping Report.

Johannes Nematatani

Mineral Regulation

Tel : 053 807 1763

Email :

Johannes.Nematatani@dmr.gov.za

Website :



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

From: Tanja Bekker [mailto:tanja@envirologistics.co.za]
Sent: Friday, November 30, 2018 10:30 AM
To: Johannes Nematatani <Johannes.Nematatani@dmr.gov.za>; Pieter Swart <Pieter.Swart@dmr.gov.za>; Ntsundeni Ravhugoni <Ntsundeni.Ravhugoni@dmr.gov.za>
Cc: Dirk Coetzee <Dirk.Coetzee@assmang.co.za>; lana@envirolawgroup.co.za
Subject: FW: Khumani EIA Application - confirmation of submission of final ESR
Importance: High

Dear Johannes,

Please refer to the email send to you a week ago. Could you kindly provide us with acknowledgement of the receipt of the Scoping Report.

Regards
Tanja

From: Tanja Bekker
Sent: 23 November 2018 07:38 AM
To: Johannes Nematatani <Johannes.Nematatani@dmr.gov.za>; Ntsundeni Ravhugoni <Ntsundeni.Ravhugoni@dmr.gov.za>

Cc: Dirk Coetzee <Dirk.Coetzee@assmang.co.za>; lane@envirolawgroup.co.za
Subject: RE: Khumani EIA Application - confirmation of submission of final ESR

Dear Johannes,

I would just like to confirm whether you have received the final scoping report submitted by us on the 16th of November 2018. We have not received any official notification on a DMR letterhead except for the screenshot that the application was uploaded.

We are planning on submitting the draft EIA to stakeholders for consideration at the beginning of February 2019.

Please indicate whether it is possible to have a site visit with you in January 2019 to present to you the project.

Kind Regards,

Tanja Bekker

MSc. Environmental Management

Certified EAPSA; PrSci. Reg. 400198/09



EnviroGistics (Pty) Ltd
PO Box 22014, Helderkruin, 1733
Email: tanja@envirogistics.co.za
Cell: 082 412 1799
Fax: 086 551 5233

"Driven to achieve Environmental Compliance and Excellence throughout the life cycles of a project and enabling clients to focus on operating a successful business within a sustainable environment."

From: Johannes Nematatani [<mailto:Johannes.Nematatani@dmr.gov.za>]
Sent: 01 November 2018 12:29 PM
To: Tanja Bekker <tanja@envirogistics.co.za>
Cc: Dirk Coetzee <Dirk.Coetzee@assmang.co.za>
Subject: RE: Khumani EIA Application

Good day

Please kindly note that DMR does not receive any application by hand. All applications are submitted when they are successfully uploaded on the SAMRAD online system of the Department. Attached is the proof of application which indicates the date of application.

Please kindly align your timeframes to the application date which is on the SAMRAD system.

From: Tanja Bekker [<mailto:tanja@envirogistics.co.za>]
Sent: Thursday, November 1, 2018 12:05 PM
To: Johannes Nematatani <Johannes.Nematatani@dmr.gov.za>
Cc: Dirk Coetzee <Dirk.Coetzee@assmang.co.za>
Subject: RE: Khumani EIA Application

Dear Johannes,

Thank you for your call earlier. Based on our conversation the following is my summary:

1. The application was submitted on 2 October 2018. Note that the EIA Regulations (Chapter 2, Regulation 6) states that (6) The competent authority must acknowledge receipt of all applications and documents contemplated in regulations 16, 19, 21, 23, 29, 30, 31, 32 and 34 within ten days of receipt thereof. You indicated that the

application was only registered on 16 October 2018. However, please note that based on the regulations, the timeframes commence from date of receipt.

2. The Scoping Report was submitted on 17 October 2018. This is in line with the regulations, as we need to submit the final Scoping Report to the DMR within 44 days from the application. Therefore the Final Scoping Report must be submitted to the DMR on 16 November 2018.
3. Activities:
 - a. In terms of the activities, the only new activities, not previously approved for in terms of an Environmental Authorisation, is that of the new Return Water Dam 3 (Project 1), and the pipelines and a storage compartment (Project 2). Note that construction of these activities have NOT commenced. These are planned activities.
 - b. Project 3 is based on approved Environmental Authorisations. The mine is currently busy as part of the EIA process to undertake a detailed storm water study and water balance. This study may result in the need to amend operational aspects or minor alterations to approved Environmental Authorisation. It is not foreseen that any design changes which will impact on the footprint sizes (which may trigger listed activities) will take place, however, as these still require water use licences listing 1 (activity 34) and listing 2 (activity 6) is triggered.
4. During the second conversation you indicated that you will only list the listed activities being applied for, and not present details on the specific activities. This is acknowledged. The construction and operation of the activities, if approved, will have to comply with the conditions in the EA and the EIA/EMPr and therefore this should not present any future management or auditing concern.

As per our discussion, please let me know should you wish to undertake a site visit or have us meet at your offices to present more detail on the project should this be required.

I hope you find the clarification in order.

Best of Wishes,
Tanja



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Northern Cape Provincial Operations, Private Bag X6101, Kimberley 8300; 28 Central Road, Beaconsfield, Kimberley, 8301

	(053) 830 8825		F.A. Magonono
	magononof@dws.gov.za		(053) 836 7656
			NC30/5/1/3/2/1/070EM

Assmang (Pty) Ltd: Khumani Iron Ore Mine

P.O Box 22014

Helderkruin

1724

Email: tanja@envirogistics.co.za

By Email/Registered Mail

Attention: Ms. Tanja Bekker

RE: DRAFT ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED PROJECT 1: NEW RETURN WATER DAM; PROJECT 2: NEW WATER CONTAINMENT FACILITIES AND PIPELINE; PROJECT AND THE AMENMENT OF WATER USE LICENCE FOR ASSMANG (PTY) LTD: KHUMANI IRON ORE MINE.

Reference is hereby made to Draft Environmental Scoping Report for the proposed construction of Return Water Dam, additional pipeline from the Paste Disposal Facility to the Beneficiation Plant and additional pipeline from Parson Plant Storm Water Dam to the beneficiation plant to optimise water reticulation and return within the water circuit near Kathu by Enviro Gistics Ltd Consulting on behalf of Pan Assmang (Pty) Ltd: Khumani Iron Ore Mine as submitted to the Department of Water and Sanitation, received on 16 October 2018 with DMR reference number NC30/5/1/3/2/1/070EM.

The above mentioned report was received and evaluated by the Department as it is our mandate according to the National Water Act, 1998 (Act 36 of 1998) to comment on such proposed activities.

RECOMMENDATIONS AND DECISION

As mentioned in the report, the Department takes note that the proposed activity at the above mentioned properties will include construction of new return water dam and the construction of pipeline for dirty water reticulation. After carefully considering, evaluating and reviewing of the submitted Draft Environmental Scoping Report the Department has the following comments:



RE: DRAFT ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED PROJECT 1: NEW RETURN WATER DAM; PROJECT 2: NEW WATER CONTAINMENT FACILITIES AND PIPELINE; PROJECT AND THE AMENMENT OF WATER USE LICENCE FOR ASSMANG (PTY) LTD: KHUMANI IRON ORE MINE

- a) It appears that the nature of activities the applicant is proposing to engage in has potential impacts on the environment and groundwater resource, as the proposed activities is for storing of dirty water.
- b) Note that the proposed activities require a water use authorisation from this Department in terms of Section 40 of the National Water Act, 1998 (Act 36 of 1998). An application can be lodged electronically via the Electronic Water Use Licence Application and Authorisation System (EWULAAS – www.dws.gov.za/ewulaas).
- c) It is projected that the proposed activities could trigger the following water uses in terms of National Water Act, 1998 (Act. 36 of 1998): Section 21 (g) and as well a GN704 Exemption;
- d) Your client is therefore advised to apply and obtain the water use authorisation prior to commencement of the proposed activities. The applicant should send the intent to apply for a water use authorisation to the Department. Note that this department will NOT accept any water use licence application without a proper pre-application;
- e) A pre-consultation meeting and site inspection has to be arranged with the Department to advice on the water uses that are triggered by the activity which require authorisation and relevant reports (including studies that need to be conducted before submission of the complete application to Department);
- f) Please note that should the pipeline cross any water resources your applicant is therefore advised to apply for Section 2 (c) and (i) water uses in terms of the National Water Act, 1998 (Act no.36 of 1998).
- g) Section 19 & 20 of the National Water Act, 1998 (Act No.36 of 1998) should be adhered to;
- h) Your client is required to provide signed Design Drawings and Engineer Report designed by ECSA registered Engineer for the proposed construction of return water dam and pipeline as part Water Use Licence Application;
- i) Stormwater Management Plan, Geohydrological Report, Rehabilitation Plan and Public Participation report must form part of water use licence application documents.
- j) The EMP/EIA must clearly show the methods for collecting, storing, transporting and finally disposing of all waste products produced as well as the responsible and accountable persons. This includes written consent from the relevant accredited waste disposal site/ sewage disposal/ oil disposal in handling the waste. All applicable sections of the National Environmental Management: Waste Act 59 of 2008 should be strictly adhered to;
- k) Disposal of slimes form drilling during prospecting should be disposed in licence area in terms of Environmental Management Waste Act (Act No 59 of 2008).

RE: DRAFT ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED PROJECT 1: NEW RETURN WATER DAM; PROJECT 2: NEW WATER CONTAINMENT FACILITIES AND PIPELINE; PROJECT AND THE AMENMENT OF WATER USE LICENCE FOR ASSMANG (PTY) LTD: KHUMANI IRON ORE MINE

- l) The disposal of general waste and that of hazardous waste must be carried out in an environmentally safe way as to prevent and/or minimise the potential for pollution of water resources and collection of which should be done by an accredited waste collector. All applicable Sections of the National Environmental Management: Waste Act 59 of 2008 should be strictly adhered to;
- m) The EMP/EIA must clearly identify all risks that are associated with the project that can affect the water resources in and around the project area and state all implementable measures to prevent and respond to accidents and abnormal events that may occur.
- n) The EMP/EIA must clearly show through a responsibility matrix and organogram the responsible persons for implementing the mitigation measures and reporting lines, in the event of an accident.

The Department has no objections to this activity, provided the applicant has provided proof of adherence to the above mentioned recommendations and addressed all issues contained in this letter.

This reply does not grant any exemption from the requirements of any applicable Act, Ordinance, Regulation or By-law.

This office reserves the right to revise initial comments and request additional information that may arise from correspondence and/or upon inspection.

You may contact the Department should you have any enquiries.

Yours sincerely



PP **DIRECTOR INSTITUTIONAL ESTABLISHMENT: VAAL WMA**
LETTER SIGNED BY: MOKHOANTLE LERATO
DESIGNATION: CONTROL ENVIRONMENTAL OFFICER
DATE: 27/11/2018

Tanja Bekker

From: Tanja Bekker
Sent: 04 January 2019 04:00 PM
To: 'Tshiping WUA'
Cc: 'Diana Verster'
Subject: RE: RE: EIA Khumani Iron Ore
Attachments: Permit 21.2016-Khumani-Parsons.pdf

Importance: High

Dear Albertus,

I hope you are doing well and that you had a well-deserved break.

May 2019 be a very blessed year for you.

Attached please find the annexure which you requested.

Best of Wishes,
Tanja

----- Forwarded Message -----

Subject:RE: EIA Khumani Iron Ore
Date:Tue, 18 Dec 2018 10:20:08 +0200
From:Tshiping WUA <info@tshiping.co.za>
Reply-To:info@tshiping.co.za
Organisation:Tshiping WUA
To:'Diana Verster' <dianav@lantic.net>

Hallo Diana

Please provide the following document:

2016 Environmental Authorisation (Permit 21/2016) (see Appendix 5)

Thank you
Albertus Viljoen
CEO - Tshiping WUA



Sel : 083 649 5452
Tel : 053 313 0595
eFax : 086 589 3482
info@tshiping.co.za

PO Box 434, Postmasburg, 8420

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From: Diana Verster <dianav@lantic.net>
Sent: Wednesday, October 17, 2018 9:49 AM
To: hendrikvdmerwe@vodamail.co.za; andre.lanham@gmail.com; info@tshping.co.za
Subject: EIA Khumani Iron Ore

Good Day

Reference: Assmang (Pty) Ltd: Khumani Iron Ore Mine:

DRAFT Environmental Scoping Report for in terms of Nation Environmental Management Act, 1998 for:
Project 1: New Return Water Dam 3. Project2: New Infrastructure (New Water Containment Facility and Pipelines Project 3: Water Use License (WUL) amendment

This e-mail serves to inform you of the availability of the draft scoping report. Attached to this e-mail is the draft report itself. The link to all the appendix folders can be obtained from the link below.

Please click on the link to open the report via drobox.

<https://www.dropbox.com/sh/7hkgxtxdcu3vxck/AABsGg4wNPBmoHBTXjqewWwaa?dl=0>

The Draft Scoping Report has been made available to all registered stakeholders from 17 October to 16 November 2018.

Please submit your comments by 16 November 2018, looking forward in hearing from you.

Kind Regards

Diana Verster

MA Geography and Environmental Management

Environmental Assessment Practitioner (EAP)

BATHO EARTH

CELL +27 073 1577362

FAX 0878074536

Postnet Private Suit 415, Private Bag x8, ELARDUSPARK, 0047

www.bathoearth.co.za

E-MAIL dianav@lantic.net

--

Couriered to ZF Mgcawu Municipality, Attention The Municipal Manager

Address: Cnr Hill & Le Roux Street, Upington 8801

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PROGRAMME REPORT

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF NEMA REGULATIONS OF 2014 (REGULATION 983, 984 AND 985) (AND AS AMENDED BY REGULATION 325, 326 AND REGULATION 327) FOR: PROJECT 1: NEW RETURN WATER DAM 3 and Water Containment Facility; PROJECT 2: NEW RETURN WATER PIPELINES; PROJECT 3: AMENDMENT OF THE 2013 WATER USE LICENSE

Khumani Iron Ore Mine has a New Order Mining Right: Ref: NC 30/5/1//3/2/1/070EM.

In accordance to the National Environmental Management Act, 1998 and Environmental Impact Assessment Regulations, herewith an application for a full Environmental Impact Assessment Process for the above mentioned project, by the Applicant: Assmang (Pty) Ltd. Khumani Iron Ore Mine was submitted to the DMR on 2 October 2018. To date an acknowledgement of receipt and reference number have not been received from the DMR. The draft Environmental Scoping Report was made available for review on 16 October 2018 and the final Environmental Scoping Report was acknowledged by the Department of Mineral Resources on 4 December 2018

To this end, please find **one hard copy and one electronic copy of the draft Environmental Impact Assessment and Management Programme Report for stakeholder review**. The review period will be from 8 February 2019 to 11 March 2019.

Please do not hesitate to contact the undersigned should you require any additional information.

Best Wishes

.....
Tanja Bekker
Director
MSc. Environmental Management
Certified EAPSA; PrSci. Reg. 400198/09

<u>Please sign here to acknowledge receipt of this application:</u>	
FULL NAME:	_____
SIGNATURE:	_____
DATE:	_____





Department of Mineral Resources
Private Bag X6093
Kimberley
8300
Attention: Registry
CC: The Regional Manager
Send via: Couriered

Project Ref: 21819
Departmental Ref: 070EM
Date: 5 February 2019
Version: Final

Couriered to Department of Mineral Resources Kimberley: Attention Registry

Address: Old Telkom Building, 41 Schmidtsdrift Road, Kimberley, 8300

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PROGRAMME REPORT

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Certified EAPSA; PrSci. Reg. 400198/09

<u>Please sign here to acknowledge receipt of this application:</u>	
FULL NAME:	_____
SIGNATURE:	_____
DATE:	_____



Couriered to DWS, Kimberley: Attention Registry for Mr. Magonono

Address: 28 Central Road Beaconsfield g, Kimberley, 8300

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PROGRAMME REPORT

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Tanja Bekker
Director
MSc. Environmental Management
Certified EAPSA; PrSci. Reg. 400198/09

<u>Please sign here to acknowledge receipt of this application:</u>	
FULL NAME:	_____
SIGNATURE:	_____
DATE:	_____



Couriered to Gamagara Municipality, Attention The Municipal Manager

Address: Civic Centre cnr of Hendrick van Eck and Frikkie Meyer Road Kathu

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PROGRAMME REPORT

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Tanja Bekker
Director
MSc. Environmental Management
Certified EAPSA; PrSci. Reg. 400198/09

<u>Please sign here to acknowledge receipt of this application:</u>	
FULL NAME:	_____
SIGNATURE:	_____
DATE:	_____





Northern Cape Department of
Environment and Nature
Conservation
Attention: Ms. Doreen Werth
CC: Registry
Send via: Couriered

Project Ref: 21819
Departmental Ref: 070EM
Date: 5 February 2019
Version: Final

Couriered to NCDENC, Kimberley: Attention Registry for Ms. Werth

Address: Sasko Building, Long Street 9, Kimberley

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PROGRAMME REPORT

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF NEMA REGULATIONS OF 2014 (REGULATION 983, 984 AND 985) (AND AS AMENDED BY REGULATION 325, 326 AND REGULATION 327) FOR: PROJECT 1: NEW RETURN WATER DAM 3 and Water Containment Facility; PROJECT 2: NEW RETURN WATER PIPELINES; PROJECT 3: AMENDMENT OF THE 2013 WATER USE LICENSE

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Please do not hesitate to contact the undersigned should you require any additional information.

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Tanja Bekker
Director
MSc. Environmental Management
Certified EAPSA; PrSci. Reg. 400198/09

<u>Please sign here to acknowledge receipt of this application:</u>	
FULL NAME:	_____
SIGNATURE:	_____
DATE:	_____



Assmang (Edms.) Bpk
Khumani Ystererts myn:
AANSOEK VIR N WATERLISENSIE
AANSOEK EN N
OMGEWINGSIMPAK
ASSESSERINGSPROSES BY DIE
HUIDIGE KHUMANI YSTERERTS
MYN, NABY KATHU, NOORD-KAAP
PROVINSIE

Watergebruikslisensie
Aansoek en
Omgewingspermit Aansoek

Kennisgewing in terme van die Nasionale Waterwet
1998 (Wet No. 36 van 1998) Nasionale
Omgewingsbestuurswet, 1998 (Wet No. 107 van 1998)



Kennisgewing Status:	Finaal
Applikant:	Assmang Pty Ltd
EnviroGistics Verw.:	21522
Datum van Publikasie:	31 Augustus 2018

Doel van die Agtergrondinligtingsdokument:

Die doel van die dokument is om:

- Inligting aan Geïnteresseerde en Geaffekteerde Partye (G&GPs) rakende die addisionele aktiwiteite wat by Khumani Ystererts myn voorgestel word, te verskaf;
- Die Openbare Deelname Proses wat deur die Nasionale Omgewingsbestuurswet (NOBW), 1998 (Artikel No. 107 van 1998) voorgeskryf word en ingevolge die Nasionale Waterwet (NWW), 1998 (Artikel No. 36 van 1998) in te lei, te verduidelik en te inisieer.

Ons nooi alle G&GPs uit om kommentaar op die volgende te lewer:

- Die bio-fisiese- en sosio-ekonomiese omgewing en/of aspekte wat in ag geneem moet word;
- Die voorgestelde Openbare Deelname Proses wat gevolg word;
- Die voorgestelde Omgewingsaansoek proses wat gevolg word; en
- Enige ander oorwegings, kommentaar en voorstelle.



INLEIDING

Assmang (Edms.) Bpk. Khumani (Khumani) gaan 'n aansoek by die Departement van Water en Sanitasie (DWS) and Departement van Minerale en Energiebronne indien om sekere addisionele aktiwiteite by Khumani Ystererts myn te inisier. Dit sal insluit die aansoek vir watergebruik goedgekeur onder en Omgewingsmagtiging (Permit 21/2016), 'n nuwe Tugvoerwater dam (of Return Water Dam) wat vir die bestaande slikgigtheiafvalfasiliteit (of Paste Disposal Facility). voorgestel is en die regstelling van verskeie administratiewe foute in die goedgekeurde 2013 Watergebruikslisensie (WUL).

aansoeker moet nou die Belanghebbende Konsultasie inisier en voorberei en voorlê aan die Watergebruikslisensie Aansoek in ooreenstemming met die Nasionale Waterwet (NWA), 1998 (Wet No. 36 van 1998) en die Omgewingsmagtigingsaansoek ingevolge die Nasionale Omgewingsbestuur Wet, 1998 (Wet No. 107 van 1998) (NEMA). Die Departement sal die aansoek en belanghebbende konsultasie-inligting hersien voordat 'n besluit geneem word oor die toekenning van Watergebruikslisensie (WUL) en Omgewingsmagtiging

Projek ligging

Assmang (Edms.) Bpk.se Khumani-ysterertsmyn (Khumani) is geleë 15km suid van Kathu, aangrensend aan die Kumba Iron Ore Mine. Khumani verpligtinge van vier (4) plase, naamlik Parson 564 (insluitend Polisie Camp 692) (Gedeeltes 0, 2, 8 en 9), King (Gedeeltes 0), Bruce 544 (Gedeelte RE) en Mokaning 560 (Gedeeltes 0, 1, 2, 3 en 4). Khumani val binne twee plaaslike en distriksmunisipaliteite. Die plaas Mokaning is geleë binne die Tsantsabane Plaaslike Munisipaliteit (NC085), wat deel uitmaak van die ZF Mgcawu Distriksmunisipaliteit (voorheen bekend as die Siyanda Distriksmunisipaliteit). Die plase Parson, Bruce en King is geleë binne die Gamagara Plaaslike Munisipaliteit (NC01B1) wat deel uitmaak van die John Taolo Gaetsewe distriksmunisipaliteit (voorheen bekend as die Kgalagadi-distriksmunisipaliteit). Projek Besonderhede:

Khumani neemvoor om verskeie administratiewe foute reg te stel in die bestaande Watergebruikslisensie (WUL), asook om watergebruik wat verband hou met die 2016 Omgewingsmagtiging (Permit 21/2016) in te sluit. Laasgenoemde behels die uitbreiding en ontwikkeling van verskeie mynbouhope (laegraad en afval) op die terrein. Daarbenewens beoog die myn om 'n nuwe Terugvoerwater dam (of Return Water Dam) te bou (besonderhede en ontwerpe is nie gefinaliseer is nie) wat verband hou met die bestaande slikgigtheiafvalfasiliteit (of Paste Disposal Facility). Die projekte is geleë op al vier (4) plase wat deur Khumani besit word.

Die Permit 21/2016 uitgereik deur die Noord-Kaapse Departement van Omgewing en Natuurbewaring (NCDENC) maak voorsiening vir die volgende aktiwiteite:

Nuwe infrastruktuur op plaas Parsons:

(Verwys na tussen hakies in hierdie afdeling verwys na die kaartverwysing) Met die goedgekeurde ontwerp van die Off-graad 2 Plant het dit die noodsaaklikheid vir die toevoeging van die Tersiêre verbypad na Sorteër area (E) en die lae-graad Herwinnings Fasiliteit (B) aangedui. Die WHIMS 2 Process fasiliteit (C) sal 'n addisionele fasiliteit wees vir die reeds goedgekeurde WHIMS Plant. Hierdie fasiliteit sal gebruik maak van bestaande infrastruktuur en dié wat in hierdie aansoek aangebied word. Die verbetering in die verwerkingstegniek op Khumani het ook gelei tot die geleentheid om al die materiaal wat voorheen as afval ("waste") beskou is, te verwerk. Gevolglik sal die bestaande en goedgekeurde fasiliteit (Discard) op die plaas nou uitbrei en 'n lae graanvoorraad word (A) om die bykomende materiaal wat in die toekoms terugbetaal sal word, te akkommodeer. Die uitbreiding van die gebied vanaf die goedgekeurde area na die nuwe gebied sal 'n verandering van 110.8ha tot ongeveer 356.3ha benodig. Drie vervoerbande en 'n vragbak (D) wat ook die vereiste dienspaaie sal insluit, sal gebou word.

Bykomende infrastruktuur sluit in die konstruksie van 'n wateropbergbak, bykomende stormwaterfasiliteite (skeiding van skoon en vuil water), paaie en 22kV kraglyne.

Nuwe Infrastruktuur op Plaas King / Mokaning:

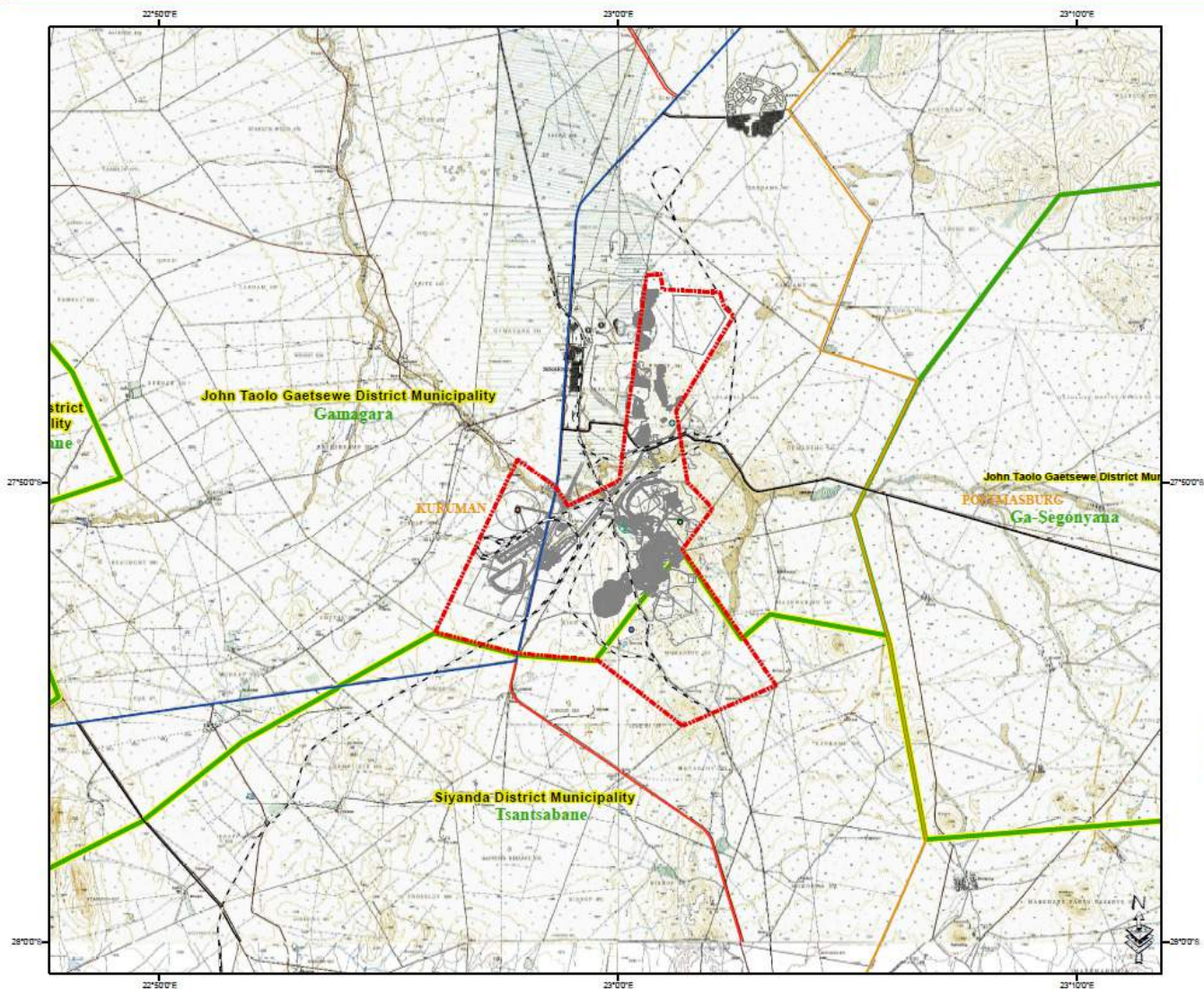
Met verwysing na Figuur 2 sal daar op King 'n uitbreiding van die King/Mokaning hoop genoodsaak word (H) (ongeveer 58ha) en 'n nuwe lae graad hoop (J) (ongeveer 48ha) benodig word. Daarbenewens sal die aanvullende infrastruktuur vir hierdie gebiede ook benodig word, wat insluit 'n stormwaterbestuurstelsel en paaie.

Nuwe infrastruktuur op die plaas Bruce:

Die bestaande Bruce Laegraad hoop op die noordelike grens van die plaas sal verleng word. Die uitbreiding van die bestaande Bruce Laagraad ROM Voorraadstoor en Oorbelaastingstorting sal bykomende 75ha wees, wat 'n algehele voetspoor van 343 ha sal wees).

Benewens bogenoemde sal 'n Terugvoer dam ("Return Water Dam") benodig word vir die slikgigtheiafvalfasiliteit (of Paste Disposal Facility)., wat op Gedeelte 0 van die plaas King geleë sal wees. Die presiese ontwerpe van die fasiliteit is nie beskikbaar nie, maar die volume van die fasiliteit sal ongeveer 49 000m³ wees.

KHUMANI: LOCALITY MAP



Legend

NAME

- Existing King Silo (to be relocated)
- Existing Parson Silo (to be relocated)
- Proposed Bruce Silo
- Proposed King Silo
- Khumani_MRA
- Khumani Railway Line

Khumani Roads

FEAT_TYPE


- MAIN ROAD
- NATIONAL ROUTE
- SECONDARY ROAD
- Khumani_BKM
- Khumani_Infrastructure
- Khumani_Infrastructure
- King Infrastructure
- Bruce_Overburden
- Low grade sorter plant Lines
- Low_Grade_Sorter_Plant
- Magisterial districts
- Local Municipalities
- District Municipalities

Data Source: Infrastructure from CIA
RSA National Geospatial Institute
1:50 000 Topographical series:
2722, 2723, 2822, 2823

Project: Khumani
Drawn by: H Bredenhann

1:150 000
Coordinate System: GCS WGS 1984
Datum: WGS 1984
Units: Degree

Date: 2017/04/24


Permitting | Compliance | Consulting

Figuur 1: Ligging van die Myn



Figure 2: Storm Water Dam 2 Location

Vereiste Magtigings

Nasionale Waterwet, 1998

Die NWW gee uitvoering aan die regte soos vasgelê in die Grondwet van die RSA met betrekking tot die bestuur van water as hulpbron. Die wet het ten doel om die land se water hulpbronne op 'n geïntegreerde wyse te beskerm, gebruik, ontwikkel, bewaar, bestuur en te beheer.

Die Wet verskaf dus die wetlike agtergrond waarvolgens die genoemde aktiwiteite uitgevoer mag word. Een van die aspekte is dus die magtiging van die watergebruike soos in Hoofstuk 4 van die NWW vervat. Artikel 21 van die Wet lys die volgende 11 watergebruike wat slegs wettiglik onderneem mag word deur middel van 'n watergebruiksmagtiging (watergebruikslisensie) wat deur die DWS uitgevaardig word (die twee beklemtoonde gebruike is van toepassing by dié aansoek):

- a) Ontrekking van water van 'n water hulpbron;
- b) Berging van water;
- c) Belemmering of omleiding van die watervloei in 'n waterstroom;
- d) Betrokkenheid by 'n aktiwiteit wat die watervloei verminder soos bespreek in artikel 36;
- e) Betrokkenheid by 'n gekontroleerde aktiwiteit soos geïdentifiseer as sodanig in Artikel 37(1) of verklaar as deel van Artikel 38(1);
- f) Uitlating van afval of water wat afval bevat in 'n water hulpbron deur 'n pyp, kanaal, riool, see uitlating of ander kanale;
- g) Storting van afval op so 'n manier dat dit 'n nadelige impak op 'n water hulpbron tot gevolg het;
- h) Storting van enige tipe water wat afval bevat van, of wat verhit was tydens enige industriële- of kragopwekkings proses;
- i) Wysiging van die bedding, walle, vloei of eienskappe van 'n waterstroom;
- j) Verwydering, uitlating of storting van ondergrondse water in gevalle waar dit noodsaaklik is vir die voortsetting van 'n aktiwiteit of vir die veiligheid van mense; en
- k) Gebruik van water vir ontspanningsdoeleindes.

Aansoek om Watergebruikslisensie om die volgende aktiwiteite te onderneem:

- Artikel 21g: Ontwikkeling van en uitbreiding na verskeie Myn Residu Deposito's, sowel as die oprigting van 'n nuwe Retourwaterdam
- Regulasie 158 Wysiging: Om verskeie administratiewe foute reg te stel en om aansoek te doen vir wysigings aan die goedgekeurde Watergebruikslisensie.

Op 24 Maart 2017, is die NWW, tesame met die Nasionale Waterwysigingswet, 2014 (Wet No. 27 van 2014), asook die Regulasies rakende die prosedurele vereistes vir lisensie aansoeke in terme van Artikel 26(1)(k) van die NWW gepubliseer. Dit is daarom belangrik dat die metodologie wat vir die projek gevolg word strook met die DWS se vereistes. Ten einde in die doel te slaag is die gepubliseerde Regulasies beklemtoon.

Artikel 27 van die NWW skets verskeie faktore (soos hieronder gelys) wat in ag geneem moet word deur die betrokke owerhede in terme van die magtiging van 'n watergebruik as deel van 'n algemene magtiging of 'n lisensie. Die lys is as volg:

- l) Enige bestuursstrategie van die opvangsgebied wat van toepassing is op die relevante water hulpbron;
- m) Die klassifikasie en kwaliteit doelstellings van die water;
- n) Investerings wat alreeds, of in die toekoms, deur die applikant gemaak word in terme van die waterhulpbron wat ter sprake is;
- o) Die strategiese belangrikheid van die watergebruik wat ter sprake is in die magtiging; en
- p) Die kwaliteit van die water van die water hulpbron wat nodig is vir die reserwe en wat nodig is om internasionale verpligtinge na te kom.



Wet op Nasionale Omgewingsbestuur, 1998

Artikel 16 van die Mineral and Petroleum Resources Development Act, 2002 (Wet No. 28 van 2002) vereis, op versoek van die Minister dat 'n Omgewingsbestuursplan ingedien word en dat die aansoeker moet in kennis stel en raadpleeg met belanghebbende en geaffekteerde partye (B & GP) .

Artikel 24 van die WNOB vereis dat aktiwiteite wat 'n impak op die omgewing het, 'n omgewingsmagtiging van 'n toepaslike owerheid moet verkry voordat daar met die aktiwiteite begin word. Sulke bedrywighede word gelys onder Regulasie-aanmeldingskennisgewing 1 Regeringsverklaring Regulasies 326, 324 en Regulasie 327 (gedateer April 2017) van die WNOB.

Die voorgestelde bedrywighede by Khumani lei tot die volgende aktiwiteite:

NEMA Regeringskennisgewing 983, Noteringskennisgewing 1 (wysigings aan goedgekeurde watergebruik):

- Aktiwiteit 34: "Die uitbreiding of veranderinge aan bestaande fasiliteite vir enige proses of aktiwiteit waar sodanige uitbreiding of veranderinge sal lei tot die noodsaaklikheid van 'n permit of lisensie of 'n gewysigde permit of lisensie ingevolge nasionale of provinsiale wetgewing wat die vrystelling van emissies of besoedeling "(word nie oorweeg nie, maar mag vereis word, afhangend van die Departement van Water en Sanitasie Konsultasie).

NEMA Regeringskennisgewing 984, Noteringskennisgewing 2 (Voorgestelde Terugvoerwater):

- Aktiwiteit 6: Die ontwikkeling van fasiliteite of infrastruktuur vir enige proses of aktiwiteit wat 'n permit of lisensie of 'n gewysigde permit of lisensie vereis ingevolge nasionale of provinsiale wetgewing wat die opwekking of vrystelling van emissies, besoedeling of uitvloeisel reguleer.

Let wel: Op die huidige tyd en met die beskikbare inligting word daar nie voorsien dat 'n afvallisensie vir die Retourwaterdam benodig word nie aangesien hierdie fasiliteit as 'n bergingsfasiliteit (oordragpunt) tussen die Pasteerverwyderingsfasiliteit en Voordeelaanleg beskou sal word. . Die fasiliteit word nie as 'n "lagoon" beskou nie, maar sal 'n geboude dam wees wat stormwater en aftap water van die sliedigheidsafvalfasiliteit versprei na die Parsonsaanleg.

Omgewingsmagtigingsproses en Vereiste Verslaggewing

Projekbestuur en Omgewingsimpakstudie Praktisyn: EnviroGistics (Edms.) Bpl

OIP ("EAP"): Me. Tanja Bekker

Kwalifikasie: MSc. Environmental Management (RAU, nou Johannesburg Universiteit)

Professionele Registrasie: Gesertifiseerde lid van EAPASA (Oktober 2013); SACNASP: Pr.Sci.Nat. Reg No. 400198/09

Ondervinding: 14 Jaar

Die doel van die Verslag

Die Wet op Nasionale Omgewingsbestuur, 1998 (Wet No. 107 van 1998) maak voorsiening vir die identifisering van gelyste aktiwiteite in terme van Artikel 24. Hierdie aktiwiteite word uitgevaardig kragtens Regulasie 326, 327 en regulasie 324 (gedateer April 2017).

Die genoteerde aktiwiteite benodig 'n omgewingsmagtiging wat deur die bevoegde owerheid verleen is voor die aanvang van hierdie aktiwiteite. Die impak van enige gelyste aktiwiteite moet ondersoek word, beoordeel en aan die bevoegde owerheid voor Magtiging om met Sodanige aktiwiteite kan gelys word toegestaan. Hierdie aktiwiteite afhangende van die Lyskennisgewing veroorsaak vereis 'n Basiese Evalueeringsproses Óf (vir Lyskennisgewing 1 en 3) of 'n volle Omgewingsinvloedbepaling (Kennisgewing vir Listing 2).

Die doel van 'n Omgewingsevaluering is om die potensiaal wat met enige projek verband hou, te voorspel. Dit kan beide positief en negatief wees. Die assessering moet bepaal die mees geskikte bestuur Maatreëls om negatiewe invloede te verminder, Ontwikkel projek in oorleg met alle belanghebbendes en bied die uitkomste aan die besluitnemers vir oorweging. Die uitkoms van die assessering moet definieer die beste Praktiese Environmental Opsie (BPEO) wat gedefinieer word in die NEMA as "die opsie wat voorsiening maak die meeste voordeel of die minste skade aan die omgewing as 'n geheel, teen 'n koste wat aanvaarbaar is vir die samelewing, op die langtermyn sowel as in die kort termyn".

Openbare Deelname en Konsultasie

Doel van Openbare Deelname

Die doel van die openbare deelname proses is om:

- ☛ Met belanghebbendes te skakel as deel van die proses om moontlike sosiale en omgewingsimpakte, as gevolg van die beplande aktiwiteite, te identifiseer;
- ☛ 'n Begrip te vorm van die sienings, kommer en verwagtinge van die belanghebbendes; en
- ☛ Met belanghebbendes te skakel om geïnteresseerde en geïmpakteerde partye se sienings en menings te bepaal.

Deelname Proses

Die hoofdoel van die openbare deelname proses tydens 'n Watergebruikslisensie Aansoek is om belanghebbendes te help om kwessies van kommer en voorstelle vir verhoogde voordele te identifiseer en om hulle te help om kommentaar te lewer op die bevindinge van die spesialisstudies. Die Openbare Deelname Proses is 'n integrale deel van die proses, en word deurlopend die WGL proses onderneem. Ten einde in die doel te slaag word 'n sistematiese benadering gevolg:

- ☛ **Stap 1: Identifiseer Belanghebbendes en of G&GPe.** Belanghebbendes geïdentifiseer sluit die volgende in:
 - Grondeienaars en/of grondgebruikers van die gedeeltes waar die aktiwiteite gaan plaasvind.
 - Aanliggende grondeienaars en/of grondgebruikers van die grond waar die aktiwiteite gaan plaasvind.
 - Regeringsdepartemente / Staatsinstansies wat jurisdiksie het in die area waar die aktiwiteite gaan plaasvind.
 - Wyksraadslede word gekonsulteer om te verseker dat die gemeenskappe in die area 'n geleentheid gebied word om deel te neem.
 - Assosiasies of nie-regerings organisasies wat 'n belang in die area mag hê.
- ☛ **Stap 2: Kennisgewing aan belanghebbendes of G&GPe rakende die voorgestelde projek, via advertensies, kennisgewings, agtergrond dokumente en versoeke om te registreer op die projek databasis (verwys na die afdeling wat u betrokkeheid in die WGL proses beskryf).**
- ☛ **Stap 3: Alle belanghebbendes word die geleentheid gegun om hul sienings en kommer uit te lig, asook om hul verwagtinge in terme van die beplande aktiwiteite uit te klaar.** Kommentaar en kwessies kan via e-pos of faks ingedien word (verwys na ondergenoemde kontakbesonderhede in die dokument). 'n Geskrewe rekord van die openbare deelname proses, asook die kommentaar en kwessies van belanghebbendes word in 'n Openbare Deelname Verslag opgeteken en ingedien by die DWS vir oorweging. Alle geregistreerde belanghebbendes sal geskrewe kommentaar ontvang op hul vrae en kwessies.
- ☛ **Stap 4: G&GPe kry die geleentheid om die dokumente en kommentaar te hersien.** Die G&GPe sal ingelig word rakende die hersieningsperiode van 30 dae.
- ☛ **Stap 5: Alle gereregistreerde belanghebbendes sal rakende die Department se besluit, om die watergebruiksreg toe te staan of af te keur, in kennis gestel word.**

Vorm 'n Integrale Deel van die Openbare Deelname Proses

Openbare betrokkeheid is 'n belangrike komponent van enige omgewingsimpakstudie proses. Alle kommentaar word op rekord geplaas en aan die projekspan en regulerende owerheid verskaf. U sal terugvoer ontvang rakende die wyse waarop u kommentaar in ag geneem is en ook rakende die uiteinde van die studie. U sal verder op hoogte van die prosesvordering gehou word.

Hoe om te registreer en betrokke te raak?

Partye wat as Geïnteresseerde en Geïmpakteerde Partye wil registreer (G&GP), kommentaar wil lewer of addisionele inligting verlang, moet asb. registreer of hul geskrewe kommentaar by EnviroGistics (Edms.) Bpk indien. Verwys asb. na die aanghegte registrasievorm. Alle relevante kommentaar sal by die WGL Verslag ingesluit word, wat ook aan G&GPe beskikbaar gestel sal word vir hul hersiening en kommentaar.

Projek Tydskaal en Geleentheid vir Betrokkenheid

Aksie	Datum	Kommentaar
Registreer as 'n belanghebbende	31 September 2018	30 days from the placement of the advert and notification documentation
Konsultasievergadering vir Belanghebbendes	Indien bepaal nodig.	
Voorlopige WGL Verslag	Oktober 2018	Planned for early October 2018
Dien kommentaar en kwessies in	November 2018	

Regstrasievorm

Naam:		Van:	
Titel:		Voorletters:	
Organisasie / Belang by projek:		Kapasiteit (bv. Voorsitter):	
Pos- en Residensiële adres			
	Area:		Kode:
Kontakbesonderhede	Tel:	()	
	Faks:	()	
	Mobiele:	()	
	E-pos:		
Merk asb. met 'n X om aan te dui of u by die proses betrokke wil wees:			Ja
			Nee
Mees geskikste manier van kommunikasie	E-pos		Faks
Datum van kommentaar	(DD / MM / JJJJ)		
Wat is u hoofbelang by die voorgestelde projek?			
Wat sluit u lys van kwessies of kommer rakende die projek in?			
Dui asb. aan of u addisionele inligting verlang			
Verskaf asb. die kontakbesonderhede van enige addisionele G&GPe wat u graag by die projekdatabasis wil insluit			
Naam:		Van:	
Tel:	()	Faks:	()
Mobiele:	()	E-pos:	
Om as G&GP te registreer stuur hierdie voltooide registrasievorm na die volgende persoon::			
<p>EnviroGistics (Pty) Ltd Me Tanja Bekker EnviroGistics (Edms.) Bpk. Faks: 086 551 52333 Telefoon: 082 412 1799 E-pos: tanja@envirogistics.co.za</p>			
Dankie vir u deelname			

Assmang (Pty) Ltd

Khumani Iron Ore Mine:

**APPLICATION FOR AN
ENVIRONMENTAL
AUTHORISATION FOR AN
ENVIRONMENTAL IMPACT
ASSESSMENT PROCESS AND
WATER USE LICENCE
APPLICATION AT THE KHUMANI
IRON ORE MINE, NEAR KATHU,
NORTHERN CAPE PROVINCE**

**Water Use License Application and
Environmental Authorisation
Process**

Background Information Document

Notice of Water Use License Application in terms of the National Water Act, 1998 (Act No. 36 of 1998) (NWA) and Environmental authorisation Application in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA)



Notification Status:	Final
Applicant:	Assmang Pty Ltd
EnviroGistics Ref.:	21522
Date of Publication:	31 August 2018

Purpose of this Background Information Document:

The purpose of this document is to:

- Provide all Interested and Affected Parties (I&APs) with information about the additional activities proposed at the Khumani Iron Ore Mine; and
- Introduce, explain and initiate the Public Participation Process that is prescribed by the National Environmental Management Act (NEMA), 1998 (Act No. 107 of 1998) and for the purposes of the National Water Act (NWA), 1998 (Act No. 36 of 1998).

We invite all I&APs to comment on:

- The bio-physical and socio-economical environment and/or considerations;
- The proposed Public Participation Process to be followed;
- The proposed Environmental Application Process being followed; and
- Any other suggestions, comments or recommendations.



Introduction

Assmang (Pty) Ltd – will be lodging an application with the Department of Water and Sanitation (DWS) and the Department of Mineral Resources to initiate certain additional activities at the Khumani Iron Ore Mine. These will include the application for water uses approved under and Environmental Authorisation (Permit 21/2016), a new Return Water Dam proposed for the Paste Disposal Facility and the correction of various administrative errors in the approved 2013 Water Use License (WUL).

The applicant is now required to initiate Stakeholder Consultation and prepare and submit a Water Use Licence Application in accordance with the National Water Act (NWA), 1998 (Act No. 36 of 1998) and the Environmental Authorisation Application in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA). The Department will review the application and the stakeholder consultation information prior to making a decision on whether to grant Water Use License (WUL) and Environmental Authorisation (EA).

Project Location

Assmang (Pty) Ltd.'s Khumani Iron Ore Mine (Khumani) is situated 15km south of Kathu, adjacent to the Kumba Iron Ore Mine. Khumani comprises of four (4) farms, namely Parson 564 (including Police Camp 692) (Portions 0, 2, 8 and 9), King (Portions 0), Bruce 544 (Portion RE) and Mokaning 560 (Portions 0, 1, 2, 3, and 4). Khumani falls within two Local and District Municipalities. The farm Mokaning is situated within the Tsantsabane Local Municipality (NC085), which forms part of the ZF Mgcawu District Municipality (formally known as the Siyanda District Municipality). The farms Parson, Bruce and King are situated within the Gamagara Local Municipality (NC01B1), which forms part of the John Taolo Gaetsewe Districts Municipality (formally known as the Kgalagadi District Municipality).

Project Details: Khumani intends to amend the existing Water Use License (WUL) to correct various administrative errors, as well as to include water uses associated with the 2016 Environmental Authorization (Permit 21/2016). The latter involves the expansion- and development of various Mine Residue Deposits on site. In addition to this, the mine intends to construct a new Return Water Dam (details and designs not as yet finalized) associated with the existing Paste Disposal Facility. The projects are located on all four (4) farms owned by Khumani.

The Permit 21/2016 issued by the NCDENC makes provision for the following activities:

- Expansion of the Parson Low Grade Discard Stockpile;
- Expansion of the King/Mokaning Overburden Low-Grade ROM Stockpile (H) (
- New Low Grade Stockpile (J)
- Expansion of the Bruce Low Grade ROM Stockpile

Based on the outcomes of the Water Studies (Water Balance and Storm Water Management Study) various other amendments may be required to approved water uses in terms of throughput/naming and/or volume amendments.

New Environmental Authorisation Requirement

The mine intends to develop a new Storm Water Dam (Storm Water Dam 2) as part of the current Paste Disposal Facility, which will be located on Portion 0 of the farm King. The exact designs of the facility are not yet available, but the volume of the facility will be between 49 000m³ and 100 000m³.

The intention of the project is as follows:

- Supernatant and storm water will be pumped from the Paste Disposal Facility compartments to the existing concrete lined silt trap.
- The silt trap overflows into the existing HDPE lined return water dam from where the water is returned to the thickener overflow tank for re-use in the process.
- Excess storm water will overflow from the return water dam to the existing Storm Water Dam.
- In turn, excess storm water will overflow from the existing storm water dam to the new Storm Water Dam 2.
- Water will then be pumped from the Storm Water Dam to the Return Water Dam once the water level in the Return Water Dam has dropped significantly.
- The intention is to operate the Storm Water Dams dry and to maintain the level in the Return Water Dam at less than 30%.
- The new Storm Water Dam will have a spillway that will divert overflow to the Paste Disposal Facility Compartment 3B in case of an emergency. The design intent is not to utilise this spillway more than once in 50 years.



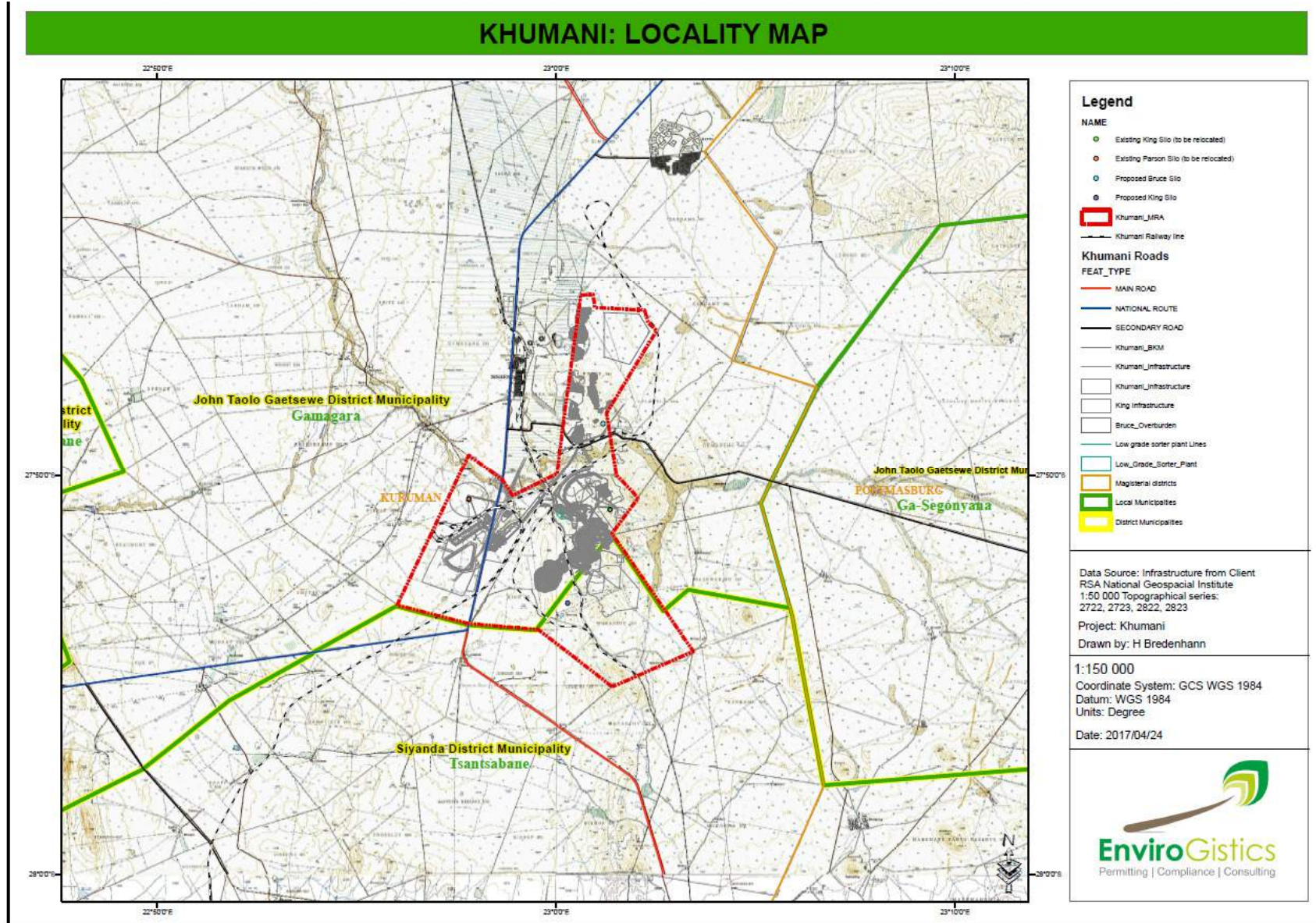


Figure 1: Locality of the Mine



Figure 2: Storm Water Dam 2 Location

Required Authorisations

National Water Act, 1998

The NWA gives effect to the rights enshrined in the Constitution of the RSA with regards to water resource management. The purpose of the Act is to provide for the protection, usage, development, conservation, management and control of the country's water resources in an integrated manner.

The Act provides the legal basis upon which to develop tools and means to affect the said activities. One of these tools is the authorisation of the water uses as defined in Chapter 4 of the NWA. Section 21 of the Act lists the following 11 water uses which can only be legitimately undertaken through a water use authorisation (water use license) issued by the DWS (the two highlighted uses are the once applicable to this application):

- a) taking water from a water resource;
- b) storing water;
- c) impeding or diverting the flow of water in a watercourse;
- d) engaging in a stream flow reduction activity contemplated in section 36;
- e) engaging in a controlled activity identified as such in section 37(1) or declared under section 38(1);
- f) discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduits;
- g) disposing of waste in a manner which may detrimentally impact on a water resource;
- h) disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process;
- i) altering the bed, banks, course or characteristics of a watercourse;
- j) removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people; and
- k) Using water for recreational purposes.

Application for Water Use License to undertake the following activities:

- Section 21g: Development of- and expansion to various Mine Residue Deposits, as well as the construction of a new Return Water Dam.
- Regulation 158 Amendment: To correct various administrative errors and apply for amendments to conditions in the approved Water Use License.

On 24 March 2017, the NWA, read with the National Water Amendment Act, 2014 (Act No. 27 of 2014), as well as the Regulations regarding the procedural requirements for license applications in terms of Section 26(1)(k) of the NWA were published. It is important, that the methodology presented in this proposal and for the project be presented in a manner that is in line with what the DWS requires. For that purpose, strong emphasis has been placed on the published Regulations.

Section 27 of the NWA outlines various factors (as listed below) to be taken into consideration by the responsible authorities with regard to authorising a water use under a general authorisation or a license. The list includes the following:

- ☞ Any catchment management strategy applicable to the relevant water resource;
- ☞ The class and resource quality objectives of the water resource;
- ☞ Investments made and to be made by the applicant in respect of the water use in question;
- ☞ The strategic importance of the water use to be authorised; and
- ☞ The quality of water in the water resource which may be required for the Reserve and for meeting international obligations

A Section 27 Motivation will also be assessed in terms of the application.

National Environmental Management Act, 1998

Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) requires, upon request by the Minister that an Environmental Management Plan be submitted and that the applicant must notify and consult with Interested and Affected Parties (I&APs). Section 24 of the NEMA requires that activities, which may impact on the environment must obtain an environmental authorisation from a relevant authority before commencing with the activities. Such activities are listed under Regulations Listing Notice 1 Government Notice Regulation 326, 324 and Regulation 327 (dated April 2017) of NEMA. The proposed operations at Khumani triggers the following activities:

Application for Environmental Authorization to undertake the following activities:

NEMA Government Notice 983, Listing Notice 1 (amendments to approved water uses and Storm Water Dam 2):

- Activity 13: "The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more..."
- Activity 34: "The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or license or an amended permit or license in terms of national or provincial legislation governing the release of emissions or pollution" (not considered at this time, but may be required depending on Department of Water and Sanitation Consultation).

NEMA Government Notice 984, Listing Notice 2 (Proposed Sstorm Water Dam 2):

- Activity 6: The development of facilities or infrastructure for any process or activity which requires a permit or license or an amended permit or license in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent.

Note: At the current time and with the information available it is not foreseen that a waste license will be required for the Return Water Dam, as this facility will be regarded as a storage facility (transfer point) between the Paste Disposal Facility and Beneficiation Plant. The facility is not considered a lagoon, but will be a constructed dam, which will contain runoff contaminated water (which constitutes waste water by the Department of Environmental Affairs).

Environmental Authorisation Process and Required Reporting

Project Manager and Environmental Assessment Practitioner: EnviroGistics (Pty) Ltd

EAP: Ms. Tanja Bekker

Qualification: MSc. Environmental Management (RAU, now Johannesburg University)

Professional Registrations: Certified member of the Interim Board of EAPASA (October 2013); SACNASP: Pr.Sci.Nat. Reg No. 400198/09

Experience: 15 Years

The Purpose of an Environmental Impact Assessment Report and Management Plan

The National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) provides for the identification of listed activities in terms of Section 24. These activities are promulgated under Regulation 326, 327 and Regulation 324 (dated April 2017). The listed activities require an environmental authorisation, granted by the competent authority prior to commencement of these activities. The impacts of any listed activities must be investigated, assessed and reported to the competent authority before authorisation to commence with such listed activities can be granted. These activities depending on the Listing Notice triggered may require either a Basic Assessment Process (for Listing Notice 1 and 3) or a full Environmental Impact Assessment (for Listing Notice 2).

The said project will trigger activities listed under Listing Notice 1, 2 and 3, which makes provision for a full Scoping and Environmental Impact Assessment Process. The NEMA prescribes the processes to be followed when compiling the full EIA and the Environmental Management Plan (EMP), in respect of listed activities that forms the legal basis of this authorisation.

The purpose of an Environmental Assessments is to predict the potential impacts associated with any project. These impacts can be both positive and negative. The assessment has to determine the most suitable management measures to reduce adverse impacts, develop project in consultation with all stakeholders and present the outcomes to the decision makers for consideration. The outcome of the assessment should define the Best Practical Environmental Option (BPEO), which is defined in the NEMA as “the option that provides the most benefit or causes the least damage to the environment as a whole, at a cost acceptable to society, in the long-term as well as in the short-term”.

Public Participation Process or Stakeholder Consultation

Purpose of Stakeholder Consultation

The purpose of the stakeholder consultation process is to:

- ☛ Engage with stakeholders as part of a process to identify the potential social and environmental impacts which may result from the planned activities.
- ☛ Develop an understanding of the views, concerns and expectations of stakeholders.
- ☛ Engage with stakeholders to determine the views and opinions raised by interested and affected parties.

Stakeholder Consultation Process

The key objective of public participation during a Water Use License Application process is to assist stakeholders to identify issues of concern and suggestions for enhanced benefits, and to comment on the findings of the specialist investigations. The Public Participation Process is an integral part of the process, and continues throughout the WUL process, for this purpose the process is presented in a systematic approach:

- ☛ **Step 1: Identify of Stakeholders and/or I&APs.** Key stakeholders have been identified including:
 - Landowners and/or occupiers of affected land portions.
 - Landowners and/or occupiers located on land portions directly adjacent to the farms where the activities will take place.
 - Government bodies / organs of state that have jurisdiction over the area where the activities will take place.
 - Ward Councillors are consulted to ensure that host communities in proximity to the site are afforded the opportunity to participate.
 - Associations and non-governmental organisations that might have an interest in the area.
- ☛ **Step 2: Notification of Stakeholder and or I&APs of the proposed project, via adverts, notices, BIDs to request these parties to register (please see the section on “Be an Integral Part of the WUL Process”).**
- ☛ **Step 3: All stakeholders are afforded the opportunity to share their views, raise concerns and clarify their expectations as it relates to the planned activities. Comments and concerns can be submitted in writing via email or fax to the details provided in this document. A written record of the stakeholder engagement process, the stakeholder comments and concerns will be compiled into a Report on Results of Consultation, and will be submitted to the DWS for consideration. All registered stakeholders will be provided with written feedback to address any questions and concerns.**
- ☛ **Step 4: I&APs are provided with the opportunity to review documents and comments on these. I&APs will notified of the availability of the document and the comment period.**
- ☛ **Step 5: All registered stakeholders will be informed of the department’s decision regarding whether Water Use was granted or not.**

Be an Integral Part of the Environmental Impact Assessment Process

Public involvement is an essential part of any environmental assessment process. All comments will be recorded and presented to the project team and regulatory authorities. You will receive feedback on how your comments have been taken into account and the outcome of the assessment. You will further receive updates on the status of the project.

How to Register and get involved?

Parties wishing to register as Interested and Affected Parties (“I&APs”), who wish to participate by contributing comments, or require additional information, should please register or submit their correspondence in writing to EnviroGistics (Pty) Ltd. Please refer to the Registration Form attached. All relevant comments will be incorporated into WUL Motivation Report, which will be made available to all registered I&APs for review and comment.



Project Timeframes and Opportunities for Involvement

Action	On or Before	Comment
Register as a stakeholder	31 September 2018	30 days from the placement of the advert and notification documentation
Submission of Application	To be confirmed	
Draft Scoping Report	Will be based on the application submission timeframe	Planned for early October 2018
Draft WUL and EIA Report	To be confirmed	
Submit comments and concerns	To be confirmed	
Submit all received comments to the DWS and DMR.	To be confirmed	-

Registration Form

Name:		Surname:	
Title:		Initials:	
Organisation / interest:		Capacity (e.g. Chairperson):	
Postal / Residential address			
	Area:		Code:
Contact details	Tel:	()	
	Fax:	()	
	Mobile:	()	
	Email:		
Please mark with an X to indicate whether you would like to participate in the process:			Yes
			No
Preferred method of communication	Email	Fax	Post
Date commented	(DD / MM / YYYY)		
What is your main area of interest with regard to the proposed project?			
What are your points of concern or support for this project?			
Please indicate in which aspects you would require more information			
Please indicate the contact details of any I&APs whom you think should be contacted			
Name:		Surname:	
Tel:	()	Fax:	()
Mobile:	()	Email:	
<p>In order to be registered as an I&AP for this project, fax, mail, or e-mail the completed registration form to:</p> <p style="text-align: center;"> EnviroGistics (Pty) Ltd Ms Tanja Bekker EnviroGistics (Pty) Ltd. Fax: 086 551 52333 Phone: 082 412 1799 Email: tanja@envirogistics.co.za </p> <p>Thank you for your participation.</p>			

Tanja Bekker

From: Tanja Bekker
Sent: 31 August 2018 11:08 AM
To: 'jaap.hoffman@angloamerican.com'; 'ehmaritz@gmail.com';
'waaihoek@vodamail.co.za'; 'carl.malan@afriam.co.za'; 'carl.malan@afriam.co.za';
'jzo@webmail.co.za'; 'LennoxEC@eskom.co.za'; 'MotsisL@eskom.co.za';
'pierre@gamagara.co.za'; 'andrem@gamagara.co.za'; 'fpr@siyanda.gov.za';
'jaap.hoffman@angloamerican.com'; 'amarkram0@gmail.com';
'markram@tramirloc.co.za'; 'nic.steyn@gmail.com'; 'steynkathu@gmail.com';
'ferdi.goussard@kiold.com'; 'etienne.dejong@angloamerican.com';
'thabo.lebelo@transnet.net'; 'sonia.munn@transnet.net'; 'LennoxEC@eskom.co.za';
'thabo.lebelo@transnet.net'; 'sonia.munn@transnet.net'; 'LennoxEC@eskom.co.za';
'elizna.badenhorst@assmang.co.za'; 'burgerlb@gmail.com'; 'wright@polka.co.za';
'dirkcroucamp@telkomsa.net'; 'jolenedercksen@gmail.com'; 'andredercksen18@gmail.com';
'leonventer.lmv@gmail.com'; 'lmvcillston@gmail.com';
'andre@ngkathu.co.za'; 'eben@huntingspence.co.za'; 'akasia1@telkomsa.net';
'fouriedawie3@gmail.com'; 'jan.fourie2708@gmail.com'; 'dundrum2708@gmail.com';
'jacobstoto@gmail.com'; 'ngot@webmail.co.za'; 'johankalp7@gmail.com';
'martin.koorzen@vodamail.co.za'; 'meyer567@gmail.com';
'ajroelofse@vodamail.co.za'; 'alma.solidearth@gmail.com';
'coubies@vodamail.co.za'; 'jotjot@vodamail.co.za'; 'stonysteenkamp@gmail.com';
'susan7steenkamp@gmail.com'; 'willie.uys66@gmail.com'; 'topsvdl@lantic.net';
'hendrikvdmerwe@vodamail.co.za'; 'andre.lanham@gmail.com';
'info@tshiping.co.za'; 'fred.viljoen@kiold.com'; 'harding@wol.co.za';
'MagononoF@dws.gov.za'; 'spothil@gmail.com'; 'Msimango Philani (KBY);
'wessanc@yahoo.com'; 'mornem@botken.co.za'; 'wilna@host4u.co.za';
'cindsma@ovi.com'; 'jrossouw3@gmail.com'; 'macroplan@mweb.co.za';
'takalani.khorombi@dmr.gov.za'; 'dsibiya@sahra.org.za';
'lebogangkatlego@webmail.co.za'; 'molatelokbp@gmail.com';
'maxed2day@yahoo.com'; 'evertknox001@gmail.com'; 'Mamosa Afrika'; 'Gamagara Fire Officer'; 'Dirk Coetzee'
Subject: Environmental Authorisation and Water Use License Process - Notification
Attachments: Stakeholder Notification.pdf

Dear Sir or Madam,

Please refer to the attached notification regarding the current Environmental Authorisation Process and Water Use License Process of Khumani Iron Ore Mine.

Should you require any further information please contact EnviroGistics.

Kind Regards,

Tanja Bekker

MSc. Environmental Management

Certified EAPSA; PrSci. Reg. 400198/09



EnviroGistics (Pty) Ltd
PO Box 22014, Helderkruijn, 1733
Email: tanja@envirogistics.co.za
Cell: 082 412 1799
Fax: 086 551 5233

"Driven to achieve Environmental Compliance and Excellence throughout the life cycles of a project and enabling clients to focus on operating a successful business within a sustainable environment."

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND WATER USE LICENCE APPLICATION AT THE KHUMANI IRON ORE MINE, NEAR KATHU, NORTHERN CAPE PROVINCE

In terms of the:

National Water Act, 1998 (Act No. 36 of 1998) (NWA)

National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA)

DMR Ref No: 070MR

INVITATION TO REGISTER AS AN INTERESTED AND AFFECTED PARTY

Project Background: Assmang (Pty) Ltd.'s Khumani Iron Ore Mine (Khumani) is situated 15km south of Kathu, adjacent to the Kumba Iron Ore Mine. Khumani comprises of four (4) farms, namely Parson 564 (including Police Camp 692) (Portions 0, 2, 8 and 9), King 561 (Portions 0), Bruce 544 (Portion RE) and Mokaning 560 (Portions 0, 1, 2, 3, and 4). Khumani falls within two Local and District Municipalities. The farm Mokaning is situated within the Tsantsabane Local Municipality (NC085), which forms part of the ZF Mgcawu District Municipality (formally known as the Siyanda District Municipality). The farms Parson, Bruce and King are situated within the Gamagara Local Municipality (NC01B1), which forms part of the John Taolo Gaetsewe Districts Municipality (formally known as the Kgalagadi District Municipality).

Project Details: Khumani intends to amend the existing Water Use License (WUL) (consider adding the WUL reference number) to correct various administrative errors, as well as to include water uses associated with the 2016 Environmental Authorization (Permit 21/2016). The latter involves the expansion and development of various Mine Residue Deposits on site. In addition to this, the mine intends to construct a new Return Water Dam (details and designs not as yet finalized) associated with the existing Paste Disposal Facility located on Portion 0 of the Farm King 561, which will require a new Environmental Authorization. The overall project (which includes the Water License Application) is located on all four (4) farms owned by Khumani.

Application for Environmental Authorization to undertake the following activities:

NEMA Government Notice 983 (as amended by Notice 327), Listing Notice 1 (amendments to approved water uses):

- Activity 13: "The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more..."
- Activity 34: "The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or license or an amended permit or license in terms of national or provincial legislation governing the release of emissions or pollution" (not considered at this time, but may be required depending on Department of Water and Sanitation Consultation).

NEMA Government Notice 984 (as amended by Notice 325), Listing Notice 2 (Proposed Return Water Dam):

- Activity 6: "The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent."

Note: At the current time and with the information available it is not foreseen that a waste license will be required for the Return Water Dam, as this facility will be regarded as a storage facility (transfer point) between the Paste Disposal Facility and Beneficiation Plant. The facility is not considered a lagoon, but will be a constructed dam, which will contain runoff contaminated water (which constitutes waste water by the Department of Environmental Affairs).

Application for Water Use License to undertake the following activities:

- Section 21g: Development of and expansion to various Mine Residue Deposits, as well as the construction of a new Return Water Dam.
- Regulation 158 Amendment: To correct various administrative errors and apply for amendments to conditions in the approved Water Use License.

Regulatory Authority: Department of Mineral Resources (DMR) and Department of Water and Sanitation (DWS), Kimberley, Northern Cape Province.

Notice is hereby given of a Public Participation Process in terms of:

- The National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) amendments of 2017 (Regulation 326 and Regulation 327), and the National Water Act, 1998 (Act No. 36 of 1998) (NWA)

Independent Environmental Consultant: EnviroGistics (Pty) Ltd.

Parties wishing to register as Interested and Affected Parties (I&APs), who wish to participate by contributing comments, or require additional information, should please register or submit their correspondence in writing. All relevant comments will be incorporated into the EIA Process, which will be made available to all registered I&APs for review.

Date of Publication of Advertisement: Week of 27 August 2018

To register as an I&AP or obtain more information about the project, should please contact:

Ms Tanja Bekker

EnviroGistics (Pty) Ltd.

Fax: 086 551 5233; **Mobile:** 082 412 1799; **E-mail:** tanja@envirogistics.co.za