



mineral resources & energy

Department
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4761, Fax: 015 297 7230
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries: P. Makhuvele **Ref:** LP 30/5/1/2/3/2/1/179) EM
E-Mail Address: Patricia.Makhuvele@dmre.gov.za
Sub-Directorate: Mine Environmental Management

BY REGISTERED MAIL

Dwarsrivier Chrome Mine (Pty) Ltd
P.O. Box 567
Lydenburg
1120

For attention: P. Schoeman/ T. Bakker

Email: tanja@envirogistics.co.za/ pieters@dwarsrivier.co.za


APPLICATION FOR ENVIRONMENTAL AUTHORISATION LODGED IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 21 OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR NEW CAPITAL PROJECT AND THE PROPOSED KHULU TAILINGS STORAGE FACILITY AND RELATED INFRASTRUCTURAL ACTIVITIES ON PORTION 1 (REMAINING EXTENT) AND THE REMAINING EXTENT OF THE FARM DWARSRIVIER 372 AND PORTION 4 (A PORTION OF PORTION 3) OF THE FARM DE GROOTEBOOM 373, SITUATED WITHIN THE MAGESTIRIAL DISTRICT OF SEKHUKHUNE: LIMPOPO REGION.

The Scoping Report (SR) and Plan of Study for Environmental Impact Assessment received by the Department on the 25th August 2021 refer.

1. The Department has evaluated the submitted SR and Plan of Study for Environmental Impact Assessment submitted on 25th August 2021 and is satisfied that the documents complied with the minimum requirements of Appendix 2(2) of National Environmental Management Act, 1998 (as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations, 2014. The SR is hereby **accepted** by the Department in terms of regulation 22(a) of the NEMA EIA Regulations, 2014.
2. You may proceed with the Environmental Impact Assessment process in accordance with the tasks contemplated in the Plan of Study for Environmental Impact Assessment as required in terms of the NEMA EIA Regulations, 2014 as amended.
3. Please ensure that all relevant stakeholders are consulted, and comments are submitted to the Department with the Environmental Impact Assessment Report (EIAR). This includes but is not limited to the Provincial Heritage Resources Authority, Provincial Environmental Department, Department of Agriculture, Forestry and Fisheries (DAFF), Department of Water and Sanitation (DWS), Eskom and the local municipality. Proof of correspondence with the various stakeholders must be included in the EIAR. Should you be unable to obtain comments, proof of the attempts that were made to obtain comments should be submitted to the Department.

4. In addition, the following amendments and additional information are required for the EIR and EMPr:
- a) Details of the future land use for the site and infrastructure after decommissioning in 20-30 years.
 - b) The total footprint of the proposed development should be indicated.
 - c) Possible impacts and effects of the development on the vegetation ecology with regard to lowland-highland interface in the locality should be indicated.
 - d) Possible impacts and effects of the development on the surrounding industrial area.
 - e) Information on services required on the site, e.g. sewage, refuse removal, water and electricity. Who will supply these services and has an agreement and confirmation of capacity been obtained?
 - f) A construction and operational phase EMP to include mitigation and monitoring measures.
 - g) Should blasting be required, appropriate mitigation measures should be provided.
5. The applicant is hereby reminded to comply with the requirements of regulation 3 of the EIA Regulations, 2014 with regards to the time period allowed for complying with the requirements of the Regulations.
6. Please ensure that the EIAR includes the A3 size locality maps of the area and illustrates the exact location of the proposed development. The maps must be of acceptable quality and as a minimum, have the following attributes:
- Maps are relatable to one another;
 - Co-ordinates;
 - Legible legends;
 - Indicate alternatives;
 - Scale and
 - Vegetation types of the study area.
7. Further, it must be reiterated that, should an application for Environmental Authorisation be subjected to any permits or authorisations in terms of the provisions of any Specific Environmental Management Acts (SEMAS), proof of such application will be required.
8. Your attention is brought to Section 24F of the NEMA which stipulates "that no activity may commence prior to an environmental authorisation being granted by the competent authority".
9. Ensure that financial provision quantum form part of the EIAR and it caters for the proposed additional listed activities.
10. You are requested to consult with relevant state department's that adjudicate mining activities and submit three (3) hard copies of the EIAR and EMPr and at least one electronic copy (CD/DVD) of the complete EIAR and EMPr to this Regional Office.

Yours faithfully,

PP 
REGIONAL MANAGER: MINERAL REGULATION
LIMPOPO REGION
DATE: 11/10/2021



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4761, Fax: 015 297 7230
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries: P. Makhuvele Ref: LP30/5/1/2/3/2/1/179) EM
E-Mail Address: Patricia.Makhuvele@dmre.gov.za
Sub-Directorate: Mine Environmental Management

BY REGISTERED MAIL

The Manager

Dwarsrivier Chrome Mine (Pty) Ltd

P.O. Box 567

STEELPOORT

2047

For attention: P. Schoeman/T. Bekker

Email: tanja@envirologistics.co.za

REQUEST FOR ADDITIONAL INFORMATION ON SUBMITTED ENVIRONMENTAL IMPACT ASSESSMENT REPORT (EIAR) AND ENVIRONMENTAL MANAGEMENT PLAN SUBMITTED FOR AN APPLICATION ENVIRONMENTAL AUTHORISATION FOR WASTE MANAGEMENT LICENCE IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 19 OF THE ENVIRONMENTAL IMPACTS ASSESSMENT (EIA) REGULATIONS, 2014 FOR RE-WORKING OF THE BACKFILLED PITS AT DWARSRIVIER CHROME MINE AND RELATED INFRASTRUCTURAL ACTIVITIES, SITUATED WITHIN SEKHUKHUNE DISTRICT MUNICIPALITY: LIMPOPO REGION.


The Environmental Impact Assessment Report and Environmental Management Plan submitted on **28 July 2021** has reference.

1. Kindly comments from the land claimant/graves owners with regards to the proposed re-working of the backfilled pits since it is close to the grave site.
2. Align your rehabilitation and closure plan on the backfilling of the open pits with the waste residue stockpile instead of waste residue deposit (Tailings to Waste rock dump).
3. The adjusted Financial provision for financial year (FY) 2020 shows the estimated liability of **R120 221 206.00** and the mine has provided the total amount of **R120, 412, 783.19**. The closure cost report for the year 2021 submitted together with EIR report for reworking of the open pits estimated the amount of **R138, 254,388** for the rehabilitation.
4. Therefore you are required to address the shortfall amount of **R17, 841, 604.81** to make the total amount of **R138 ,254, 388** as reflected at the cost estimate report for the financial provision for rehabilitation.

The raised issues should be addressed **on or before the 30th of November 2021.**
This Department reserves the right to revise initial comments and request further information from you, based on the revised information received.

Hoping that you will find this in order

Kind Regards


.....
PP REGIONAL MANAGER: MINERAL REGULATION
LIMPOPO REGION
DATE 29/10/2021.....



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4761, Fax: 015 297 7230
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries: P. Makhuvele **Ref:** LP30/5/1/2/3/2/1/179) EM
E-Mail Address: Patricia.Makhuvele@dmre.gov.za
Sub-Directorate: Mine Environmental Management

BY REGISTERED MAIL

The Manager

Dwarsrivier Chrome Mine (Pty) Ltd

P.O Box 567

STEELPOORT

2047

For attention: P. Schoeman/T. Bekker

Email: tanja@envirologistics.co.za

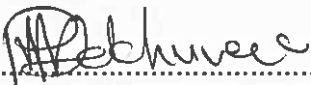
APPLICATION FOR AN EXTENTION IN TERMS OF REGULATION 3 (7) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) AS AMMENDED ("NEMA") AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014) AS AMENDED FOR KHULU TSF AND OTHER CAPITAL PROJECTS, SITUATED IN THE MAGISTERIAL DISTRICT OF SEKHUKHUNE, LIMPOPO REGION.

Your letter dated **29 October 2021** refers.

1. Your letter requesting extension of the timeframe in terms of regulation 3 (7) of the NEMA EIA Regulation 2014 as amended has been **accepted** by this office.
3. Kindly submit the required reports on before the **12th of April 2022** as requested.

Hoping that you will find this in order

Kind Regards

PP 
REGIONAL MANAGER: MINERAL REGULATION
LIMPOPO REGION
DATE 29/10/2021



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4761 Fax: 015 287 4729
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries Kolani T.C Ref: LP 30/5/1/2/3/2/1 (179) EM

E-Mail Address: thivhulawi.kolani@dmre.gov.za
Sub-Directorate: Mine Environmental Management

BY Email

The Mine Manager
Dwars Rivier Chrome Mine (Pty) Ltd
P O Box 567
STEELPOORT
2047

Attention: Mr Pieter Schoeman

Email: pieters@dwarsrivier.co.za

ACKNOWLEDGMENT OF AN APPLICATION FOR NEW CAPITAL PROJECT AND THE PROPOSED KHULU TAILINGS STORAGE FACILITY AND ASSOCIATED INFRASTRUCTURE AT DWARS RIVIER CHROME MINE, SITUATED WITHIN SEKHUKHUNE DISTRICT MUNICIPALITY: LIMPOPO REGION.

I refer to the above-mentioned matter and confirm that your application for integrated Environmental Authorisation referred to as "IEA" lodged on **13 July 2021** is hereby acknowledged.

You are requested in terms of Section 24 K of National Environmental Management Act, Act 107 of 1998, as amended to consult the Scoping Report with Limpopo Department of Economic Development Environment and Tourism, Department of Water and Sanitation, Department of Agriculture Rural Development and Land Reform, District and Local Municipality where the proposed development project is situated and give them **30 days** commenting period.

Three hard copies of the final Scoping Report must be submitted in our office within **44 Calendar** days from the date of your application. The final Scoping Report must contain proof and results of consultation done in terms of Section 24 K of NEMA as well as consultation done in terms of Regulation 41 of 2014 EIA Regulation. In addition, the final Scoping Report must comply with Appendix 2 of 2014 EIA Regulation

Acknowledgement of your application does not grant you permission to commence with the activities applied for. Commencement of a listed activity without Granted WML constitutes an offence in terms of Section 49A (1) (a) of NEMA, 1998 (Act 107 of 1998) as amended and upon conviction for such an offence, a person is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment.

Please note that failure to meet any prescribed time frame indicated above your application for WML will be considered lapsed and not be processed further, unless if an extension has been granted in terms of Regulation 3(7) of 2014 EIA Regulation.

Kind Regards



.....
REGIONAL MANAGER:

MINERAL REGULATION- LIMPOPO REGION

DATE: 11/08/2021



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4761 Fax: 015 287 4729
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries Kolani T.C Ref: LP 30/5/1/2/3/2/1 (179) EM

E-Mail Address: thivhulawi.kolani@dmre.gov.za
Sub-Directorate: Mine Environmental Management

BY Email

The Mine Manager
Dwars Rivier Chrome Mine (Pty) Ltd
P O Box 567
STEELPOORT
2047

Attention: Mr Pieter Schoeman

Email:pieters@dwarsrivier.co.za

ACKNOWLEDGMENT OF FINAL EIR FOR WASTE MANAGEMENT LICENCE LODGED IN TERMS OF NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT FOR THE PROPOSED ESTABLISHMENT OR RECLAMATION OF A RESIDUE STOCKPILE OR RESIDUE DEPOSIT RESULTING FROM ACTIVITIES WHICH REQUIRE A MINING RIGHT, EXPLORATION RIGHT OR PRODUCTION RIGHT IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) AT DWARS RIVIER MINE, SITUATED WITHIN SEKHUKHUNE DISTRICT MUNICIPALITY: LIMPOPO REGION.

I refer to the above-mentioned matter and confirm that your final EIR submitted on **27 July 2021** is hereby acknowledged.

Please take note that the said EIR is still under review and you will be notified if any additional information is required from you.

Kind Regards

REGIONAL MANAGER:

MINERAL REGULATION- LIMPOPO REGION

DATE: 11/08/2021

PROJECT REFERENCE: DMRE Reference: 30/5/1/3/2/1(179) EM

REGULATIONS 3(7) EXTENSION REQUEST: APPLICATION FOR INTEGRATED ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT AND NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT READ WITH THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS FOR THE KHULU TSF & ANCILLARY INFRASTRUCTURE, AS WELL AS VARIOUS CAPITAL PROJECTS AT DWARSRIVIER CHROME MINE (PTY) LTD

REQUEST FOR EXTENSION OF TIME FOR SUBMISSION OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT IN TERMS OF REGULATION 3 OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (EIA REGULATIONS, 2014 – as amended)

Dear Sir or Madam,

This letter refers to the Project Meeting held with the DMRE on 27 October 2021 at their offices in Polokwane. As per the recommendation by Ms. Makhuvele during this meeting, this letter is submitted to request for an extension to the submission of the final EIA and EMPr to the DMRE.

With reference to Regulation to 3(7) of the EIA Regulation, 2014 (GNR982) (as amended), on behalf of the applicant, Dwarsrivier Chrome Mine (Pty) Ltd (DCM), EnviroGistics (Pty) Ltd, appointed as the independent Environmental Assessment Practitioner (EAP), herewith requests an additional two (2) months (extension of 60 days) in addition to the prescribed 106 day period to submit the Final Environmental Impact Assessment Report (EIAR) and Environmental Management Programme (EMPr) to the competent authority (DMRE).

Background

This application is for the purposes of an Integrated Environmental Impact Assessment (EIA) Process in terms of the NEMA Regulations 985 of 2014 (Regulation 983, Regulation 984 and Regulation 985) as amended in 2017 (and associated EIA Regulations amendment, 2021); as well as the National Environmental Management: Waste Act, 2008 (NEMWA) and the NEMWA Listing Notice published in Regulation 921, 2013 (as amended); for various proposed activities at Dwarsrivier Chrome Mine (DCM), Limpopo Province.

The following activities are included into the process:

- 📌 Project 1: Khulu TSF Project;
- 📌 Project 2: Diesel and Emulsion Batching;
- 📌 Project 3: Main Parking Extension;
- 📌 Project 4: Widening of access road between South Shaft/ Main Offices and Plant; and
- 📌 Project 5: Access Crossing between Plant and North Mine.

The application for the Integrated Environmental Authorisation Process was submitted to the Department of Mineral Resources and Energy (DMRE) on 13 July 2021. A letter of acknowledgement was issued by the DMRE on 22 July 2021. The



Draft Environmental Scoping Report (ESR) was made available to all registered stakeholders from 23 July 2021 to 23 August 2021. The Final ESR was made available to the DMRE on 25 August 2021, with the DMRE issuing the acceptance of the ESR on 11 October 2021.

According to the NEMA EIA Regulations, in order to submit the final EIA to the DMRE on 11 February 2022, the draft EIA must be submitted on 30 November 2021.

Based on the prescribed time periods for the application, EnviroGistics is required to submit the Final EIAR and EMPr by 11 February 2022. EnviroGistics, on behalf of DCM kindly **requests an extension to the final submission date** as permitted in terms of Regulation 3 of the EIA Regulations, 2014.

Legislative Requirements

In the event where the submission of the final EIA and EMPr cannot be submitted to the competent authority within 106 days as a result of the increase in scope of work required based on the outcome of an assessment done, an application for the extension of time can be submitted in terms of Regulation 3(7) of the EIA Regulations, 2014 to the competent authority requesting an extension of the relevant prescribed timeframe. See reference to Regulation 3(7) of the EIA Regulations, 2014 below -

3(7) *In the event where the scope of work must be expanded based on the outcome of an assessment done in accordance with these Regulations, which outcome could not be anticipated prior to the undertaking of the assessment, or in the event where exceptional circumstances can be demonstrated, the competent authority may, prior to the lapsing of the relevant prescribed timeframe, in writing, extend the relevant prescribed timeframe and agree with the applicant on the length of such extension.*

Motivation for extension

Comments received from the I&APs

Due to new contact details provided for a land claimant on the property – an additional 30 day consultation has been provided to land claimant up from 22 October 2021 until 22 November 2021. Comments from the stakeholder will be considered and included into the draft EIA and EMPr.

EnviroGistics will conduct stakeholder meetings upon the availability of the draft EIA and EMPr – it is highly unlikely that Government Departments and stakeholders will be available during December for such meetings and for this reason December and January would be allocated to undertake these.

This submission of the draft EIA and EMPr report on 30 November 2021 will necessitate review over the Regulated December block out period, although additional time will be offered, the risk of Stakeholders not reviewing this report with sufficient time provided needs to be considered and managed.



Additional information to consider in the numerical models

Due to various engineering considerations, and the replacement of the original engineering firm, the TSF designs are still underway and will impact the outcomes of the Water Balance and Groundwater Studies. The designs will only be available in November 2021. It is unsure what the impact of this design will be on the water balance and numerical model and for this reason such study can only commence upon the finalisation of the design. iLeh will be conducting the Groundwater Studies and Water Balance investigations.

Extension of Time Period Request

In light of the abovementioned motivations, an **extension until 12 April 2022** (60 day extension from 11 February 2022) for submission of the Final EIAR and EMPr is duly requested and motivated for.

Proposed Way Forward

1. The EAP to incorporate the updated TSF Design and associated Specialist Studies; and
2. The EAP to provide the draft EIA and EMPr to registered Stakeholders after the NEMA block out period and address any comments which may be received during the review period and subsequently submit the Final Environmental Impact Assessment Report to the Competent Authority on or before 12 April 2022.

Kindly confirm receipt of this correspondence and advise us of the decision in respect of this this request.

We trust that you find the above to be in order.

Should you have any queries, please do not hesitate to contact us on 0824121799.

Best Wishes

.....
Tanja Bekker

Director

MSc. Environmental Management; Registered EAP (306/2019); PrSci. Reg. 400198/09