

**APPENDIX 7(A)**

**Information Related to Public Participation**



# PUBLIC PARTICIPATION PROGRAMME REPORT

HERNIC FERROCHROME (PTY) LTD



JUNE 2017



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## Purpose of Report

Hernic Ferrochrome (Pty) Ltd wishes to consolidate all the approved EMPR's relevant to the site and to decommission, develop and expand activities to their current mining and smelting operations.

Environmental Authorization (EA) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In view of the fact that Hernic Ferrochrome operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

The newly promulgated regulations (GNR 982 of 04 December 2014) enforce a strict timeframe and require a decision by the CA within 300 days from submission of the EA application.

This report provides the information relating to the Public Participation Process (PPP) conducted according to the EIA Regulations (GNR 982 of 04 December 2014) and the MPRDA Regulations (GNR 527 of 23 April 2004), read with the Public Participation Guideline (GNR 807 of 10 October 2012) and other older published guidelines, in support of this S&EIR Process.

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NW 30/5/1/2/3/2/1/(396) EM

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## ABBREVIATIONS

<b>AEL</b>	: Air Emission Licence
<b>BID</b>	: Background Information Document
<b>CA</b>	: Competent Authority
<b>CV</b>	: Curriculum Vitae
<b>DEA</b>	: Department of Environmental Affairs
<b>DEAT</b>	: Department of Environmental affairs and Tourism
<b>DMR</b>	: Department of Mineral Resources
<b>DWS</b>	: Department of Water and Sanitation
<b>EA</b>	: Environmental Authorisation
<b>EAP</b>	: Environmental Assessment Practitioner
<b>EIA</b>	: Environmental Impact Assessment
<b>EMPR</b>	: Environmental Management Programme Report
<b>GNR</b>	: Government Notice Regulation
<b>IAP's</b>	: Interested and Affected Parties
<b>MPRDA</b>	: Mineral and Petroleum Resources Development Act (Act No. 28 of 2002)
<b>NEMA</b>	: National Environmental Management Act (Act No. 107 of 1998)
<b>NEMAQA</b>	: National Environmental Management: Air Quality Act (Act No. 39 of 2004)
<b>NEMWA</b>	: National Environmental Management: Waste Act (Act No. 59 of 2008)
<b>NWA</b>	: National Water Act (Act No. 36 of 1998)
<b>PPP</b>	: Public Participation Process
<b>READ</b>	: Rural, Environmental and Agricultural Development
<b>S&amp;EIR</b>	: Scoping and Environmental Impact Reporting Process

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## EXECUTIVE SUMMARY

Hernic Ferrochrome (Pty) Ltd wishes to consolidate all the approved Environmental Management Programme Reports (EMPR's) relevant to the site and to decommission, develop and expand activities to their current mining and smelting operations.

Environmental Authorization (EA) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping and Environmental Impact Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the Environmental Impact Assessment (EIA) Regulations, 2014 - GNR 982 of 04 December 2014.

In view of the fact that Hernic Ferrochrome (Pty) Ltd operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

The newly promulgated regulations (GNR 982 of 04 December 2014) enforce a strict timeframe and require a decision by the CA within 300 days from submission of the EA application.

The project was subjected to a formal and comprehensive Public Participation Process (PPP), which included the CA as well as identified and registered Interested and Affected Parties (I&AP's). Issues and Concerns raised by the CA and I&AP's were captured, considered and incorporated into the project. A formal issues and response register was compiled.

Chapters 1 through 3 of this report provide an Introduction to the project, relays information on the Project Team and the Terms of Reference for the project.


Chapter 4 synoptically describes the Site History and Project Activities.


Chapter 5 explains the Public Participation Programme Plan for the project.

Chapter 6 and 7 describes the details of the Engagement Process and contains references to proof of actions performed.

Chapter 8 provides the Issues and Response Register, which contains the issues and concerns that were raised by the CA and I&AP's throughout the process and also contains responses by the Environmental Assessment Practitioner (EAP i.e. JMA Consulting) and Applicant (i.e. Hernic Ferrochrome) on how these issues was/will be addressed.

Respectfully submitted

  
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# 1. INTRODUCTION

Hernic Ferrochrome (Pty) Ltd (here after referred to as Hernic) wishes to consolidate all the approved Environmental Management Programme Reports (EMPR's) applicable to the site and to decommission, develop and expand activities to their current mining and smelting operations.

Environmental Authorisation (EA) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping and Environmental Impact Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the Environmental Impact Assessment (EIA) Regulations, 2014 - GNR 982 of 04 December 2014.

For this project and EA Application was submitted which relates to the EIA Authorisation in terms of NEMA for listed activities, an EMPR Amendment (NW 30/5/1/2/3/2/1/(308) EM & NW 30/5/1/2/3/2/1/(396) EM) in terms of the MPRDA, a Waste Management Licence in terms of NEMWA, an Amendment to the Water Use Licence and Applications for new water uses in terms of NWA and lastly an amendment to their Air Emission Licence (AEL) in terms of the NEMAQA.

The MPRDA Regulations together with NEMA Regulations contain a list of requirements specifically relating to the Public Participation Process (PPP; please refer to Chapter 3 of this report). These regulations were strictly adhered to during the public participation conducted for this project.

Several guideline documents are currently available to assist persons when conducting a public participation process and all of these documents were extensively studied and incorporated into the planning for this report.

These guideline documents describe the public participation process as follows:

- Provides an opportunity for Interested and Affected Parties (I&AP's), Environmental Assessment Practitioners (EAP) and the CA to obtain clear, accurate and understandable information about the environmental impacts of the proposed activity or implications of a decision;
- Provides I&AP's with an opportunity to voice their support, concerns and questions regarding the project, application or decision;
- Provides I&AP's with the opportunity of suggesting ways of reducing or mitigating any negative impacts of the project and for enhancing its positive impacts;
- Enables an Applicant to incorporate the needs, preferences and values of affected parties into its application;
- Provides opportunities for clearing up misunderstandings about technical issues, resolving disputes and reconciling conflicting interests;
- It is an important aspect of securing transparency and accountability in decision-making;
- It contributes towards maintaining a healthy, vibrant democracy.

This report was continually updated during the Heric S&EIR Process to reflect and address all comments that were received during the PPP. The final PPP Report will be submitted to the CA as an Appendix to the Final Scoping, EIA and EMP Report.

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## 2. PROJECT TEAM

The following persons were directly involved with the compilation of this PPP Report for the Heric Ferrochrome project.

- Jasper Müller (Pr.Sci.Nat.)
- Rene Rademeyer (Pr.Sci.Nat.)

Synoptic CV's of Jasper Muller and Rene Rademeyer are attached as **APPENDIX 2(A)**.

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### **3. TERMS OF REFERENCE**

The overall terms of reference were to conduct a Public Participation and Stakeholder Engagement Program in terms of the NEMA and MPRDA Provisions and Regulations as listed below:

- NEMA EIA Regulations in GNR 982 of 04 December 2014
- MPRDA Regulations in GNR 527 of 23 April 2004

#### **3.1 LEGAL TERMS OF REFERENCE**

The NEMA and MPRDA Regulations specifically relating to Public Participation are given below.

##### **3.1.1 NEMA Regulations GNR 982 of 04 December 2014**

#### **PUBLIC PARTICIPATION PROCESS (CHAPTER 6)**

##### **Activity on Land Owned by Person other than Proponent**

**39.** (1) If the proponent is not the owner or person in control of the land on which the activity is to be undertaken, the proponent must, before applying for an EA in respect of such activity, obtain the written consent of the landowner or person in control of the land to undertake such activity on that land.

(2) Sub regulation (1) does not apply in respect of –

- (a) linear activities
- (b) activities related to prospecting or exploration of a mineral and petroleum resource extraction and primary processing of a mineral resource; and
- (c) strategic integrated projects as contemplated in the Infrastructure Development Act, 2014.

##### **Purpose of Public Participation**

**40.**(1) The public participation process to which the –

- (a) Basic Assessment Report (BAR) and Environmental Management Programme Report (EMPr), and where applicable the Closure Plan, submitted in terms of regulation 19; and
- (b) Scoping Report submitted in terms of regulation 21 and the EIA Report and EMPr submitted in terms of regulation 23;

was subjected to must give all potential and registered I&AP's, including the CA a period of at least 30 days to submit comments on each of the BAR, EMPr, Scoping Report and EIA Report, and where applicable the Closure Plan, as well as the report contemplated in regulation 32 , if such reports or plans are submitted at different times.

(2) The public participation process contemplated in this regulation must provide access to all information that reasonably has or may have the potential to influence any decision with regards to an application unless access to that information is protected by law and must include consultation with –

- (a) the CA
- (b) every state department that administers a law relating to the matter affecting the environment relevant to an application for an EA;
- (c) all organs of state which have jurisdiction in respect of the activity to which the application relates; and
- (d) all potential, or, where relevant, registered I&AP's.

(3) Potential or registered I&AP's, including the CA, may be provided with an opportunity to comment on reports and plans contemplated in sub regulation (1) prior to submission of an application but must be provided an opportunity to comment on such reports once an application has been submitted to the CA.

### **Public Participation Process**

**41.** (1) This regulation only applies in instances where adherence to the provisions of this regulation is specifically required.

(2) The person conducting a public participation process must take into account any relevant guidelines applicable to public participation as contemplated in section 24 J of the Act and must give notice to all potential and registered I&AP's of an application or proposed application which is subjected to public participation by –

- (a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of-
  - (i) the site where the activity to which the application or proposed application relates is or is to be undertaken
  - (ii) any alternative site;
- (b) given written notice, in any of the manners provided for in section 47D of the Act to-
  - (i) the occupiers of the site and if the proponent or applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
  - (ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
  - (iii) the municipal councillor or the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
  - (iv) the municipality which has jurisdiction in the area;
  - (v) any organ of state having jurisdiction in respect of any aspect of the activity; and
  - (vi) any other party as required by the CA
- (c) placing an advertisement in –
  - (i) one local newspaper
  - (ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;

(d) placing and advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken: provided that this paragraph need not be complied with an advertisement has been placed in and official Gazette referred to in paragraph (c)(ii); and

(d) using reasonable alternative methods, as agreed to by the CA, in those instances where a person is desirous of but unable to participate in the process due to-

- (i) illiteracy
- (ii) disability
- (iii) any other disadvantage.

(3) A notice, notice board or advertisement referred to in sub regulation (2) must –

(a) give details of the application or proposed application which is subjected to public participation; and

(b) state-

- (i) whether basic assessment or scoping and environment impact assessment process procedures are being applied to the application; the nature and location of the activity to which the application relates;
- (iii) where further information on the application or proposed application can be obtained; and
- (iv) the manner in which and the person to whom representations in respect of the application or proposed application may be made.

(4) A notice board referred to in sub regulation (2) must –

- (a) be of a size at least 60cm by 42 cm; and
- (b) display the required information in lettering and in a format as may be determined by the CA.

(5) Where public participation is conducted in terms of this regulation for an application for proposed application, sub regulation (2)(a), (b), (c) and (d) need not ne complied with again during the additional public participation process contemplated in regulations 19(1)(b) or 23(1)(b) or the public participation process contemplated in regulation 21(2)(d), on condition that-

(a) such process has been preceded by a public participation process which included compliance with regulations ((2)(a), (b), (c) and (d)); and

(b) written notice is given to registered I&AP's regarding where the-

- (i) revised BAR or EMPr or Closure Plan, as contemplated in regulation 19(1)(b);
  - (ii) revised EIA Report or EMPr as contemplated in regulation 23(1)(b); or
  - (iii) EIA report and EMPr as contemplated in regulation 21(2)(d);
- may be obtained, the manner in which and the person to whom representations on these reports or plans may be made and the date on which such representations are due.

(6) When complying with this regulation, the person conducting the public participation process must ensure that-

- (a) information containing all relevant facts in respect of the application or proposed application is made available to potential I&AP's; and
- (b) participation by potential or registered I&AP's is facilitated in such a manner that all potential or registered I&AP's are provided with a reasonable opportunity to comment on the application or proposed application.

(7) Where an EA is required in terms of these regulations and an authorisation, permit or licence is required in terms of a specific environmental management act, the processes prescribed in terms of a specific environmental management Act, on condition that all relevant authorities agree to such combination of processes.

### **Register of Interested and Affected Parties**

**42.** A proponent or applicant must ensure the opening and maintenance of a register of I&AP's and submit such a register to the CA, which register must contain the names, contact details and addresses of-

- (a) all persons who, as a consequence of the public participation process conducted in respect of that application, have submitted written comments or attended meetings with the proponent, applicant or EAP;
- (b) all persons who have requested the proponent or applicant, in writing, for their names to be placed on the register; and
- (c) all organs of state which have jurisdiction in respect of the activity to which the application relates.

### **Registered Interested and Affected Parties Entitled to Comment on Reports and Plans**

**43. (1)** A registered an affected party is entitled to comment, in writing, on all reports or plans submitted to such party during the public participation process contemplated in these Regulations and to bring to the attention of the proponent or applicant any issues which that party believes may be of significance to the consideration of the application, provided that the I&AP discloses any direct business, financial, personal or other interest which that party may have in the approval or refusal of the application.

(2) In order to give effect to section 240 of the Act, any State department that administers a law relating to a matter affecting the environment must be requested, subject to regulation 7(2), to comment within 30 days.

### **Comments of Interested and Affected Parties to be Recorded in Reports and Plans**

**44. (1)** the applicant must ensure that the comments of I&AP's are recorded in reports and plans and that such written comments, including responses to such comments and records of meetings, area attached to the reports and plans that are submitted to the CA in terms of these Regulations.

(2) Where a person desires but is unable to access written comments as contemplated in sub regulation (1) due to-

- (i) a lack of skills to read or write
- (ii) disability; or
- (iii) any other disadvantages

Reasonable alternative methods of recording comments must be provided for.



### **3.1.2 MPRDA Regulations in GNR 527 of 23 April 2004**

#### **MINERAL AND PETROLEUM, SOCIAL AND ENVIRONMENTAL REGULATIONS (CHAPTER 2)**

#### **3. Consultation with interested and affected persons**

(1) The Regional Manager or designated agency, as the case may be, must make known by way of a notice, that an application contemplated in regulation 2, has been accepted in respect of the land or offshore area, as the case may be.

(2) The notice referred to in subregulation (1) must be placed on a notice board at the office of the Regional Manager or designated agency, as the case may be, that is accessible to the public.

(3) In addition to the notice referred to in subregulation (1), the Regional Manager or designated agency, as the case may be, must also make known the application by at least one of the following methods -

- (a) publication in the applicable Provincial Gazette;
- (b) notice in the Magistrate's Court in the magisterial district applicable to the land in question; or
- (c) advertisement in a local or national newspaper circulating in the area where the land or offshore area to which the application relates, is situated.

#### **(4) A publication, notice or advertisement referred to in sub regulation (3) must include-**

- (a) an invitation to members of the public to submit comments in writing on or before a date specified in the publication, notice or advertisement, which date may not be earlier than 30 days from the date of such publication, notice or advertisement;
- (b) the name and official title of the person to whom any comments must be sent or delivered; and
- (c) the -
  - (i) work, postal and street address and, if available, an electronic mail address;
  - (ii) work telephone number; and
  - (iii) facsimile number, if any, of the person contemplated in paragraph (b),

### **3.2 PUBLISHED GUIDELINES FOR PUBLIC PARTICIPATION**

JMA Consulting referred extensively to the following guidelines during the design and planning of the PPP for the Herculite Ferrochrome Project:

- Department of Environmental Affairs and Tourism (DEAT 2002), Stakeholder Engagement, Integrated Environmental Management, Information Series 3, Department of Environmental Affairs and Tourism, Pretoria, South Africa.
- Department of Environmental Affairs (DEA 2010), Public Participation 2010, Integrated Environmental Management Guideline Series 7, Department of Environmental Affairs, Pretoria, South Africa.
- DEA (2012), Publication of Public Participation Guideline, Guideline to determine the structure of the Public Participation Programme, GNR 807, Department of Environmental Affairs, Pretoria, South Africa.

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## 4. SITE HISTORY AND PROJECT DESCRIPTION

Hernic has been in operation since May 1996. The Operations, which expanded over the years, comprise both mining of Chromite Ore (initially opencast and then later from underground), ore beneficiation to yield feedstock chromite concentrate and lumpy ore, followed by pelletizing and sintering of the fine ore and finally Ferrochrome Smelting in four closed Furnaces, with an annual production capacity of 420 000 tonnes of ferrochrome. Several chrome recovery operations from chromite containing slag are also active on the site.

As the site expanded and was upgraded since 1996, Hernic has applied for, and obtained, the required Environmental Authorizations (EA) as and when required. It currently operates under an approved EMPR, which was amended as recently as 2016 and also holds a Water Use Licence, an AEL, as well as relevant EIA Authorizations.

The Hernic site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province of the Republic of South Africa (Refer to Figure 4(a)). The central coordinates of the site are 25°39'40.80"S and 27°50'26.51"E (WGS84).

Hernic is located approximately 7 km to the south-east of the town of Brits and 11 km to the north-west of the town of Hartbeespoort.

Hernic is located in the southern regions of the A21J Quaternary Catchment within the Limpopo River Primary Catchment and within the Crocodile (West) and Marico Water Management Area (Figure 4(b) and Figure 4(c)).

Hernic wishes to consolidate all the approved EMPR's applicable to the site and to decommission, develop and expand activities to their current mining and smelting operations.

Environmental Authorization(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

The following proposed new activities at Hernic are part of this current project.

- Decommissioning of two Historic Slimes Dams
- Decommissioning of Phase 1 of the H:H Slimes Dam
- Development and Expansion of the Site Storm Water and Process Water Management Facilities:
  - o Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
  - o Development of the Morula PCD
  - o Expansion of Storm Water PCD No.1
  - o Development of Storm Water PCD No.2
  - o Development of Storm Water PCD No.3
  - o Development of Storm Water PCD No.4
  - o Expansion of the OB Plant Process Water Dam
  - o Expansion of the Plant Process Water Dam
  - o Expansion of the CRP Process Water Dam
- Decommissioning of the Morula Dewatering Dam

- Development of a New Salvage Yard
- Expansion of the Tap Hole Fume Extraction System
- Expansion of the Finished Product Plant Dust Abatement System
- Expansion of the Herculite Tailings Storage Facility (TSF)
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Slag Sand at the Fine Slag Processing Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile

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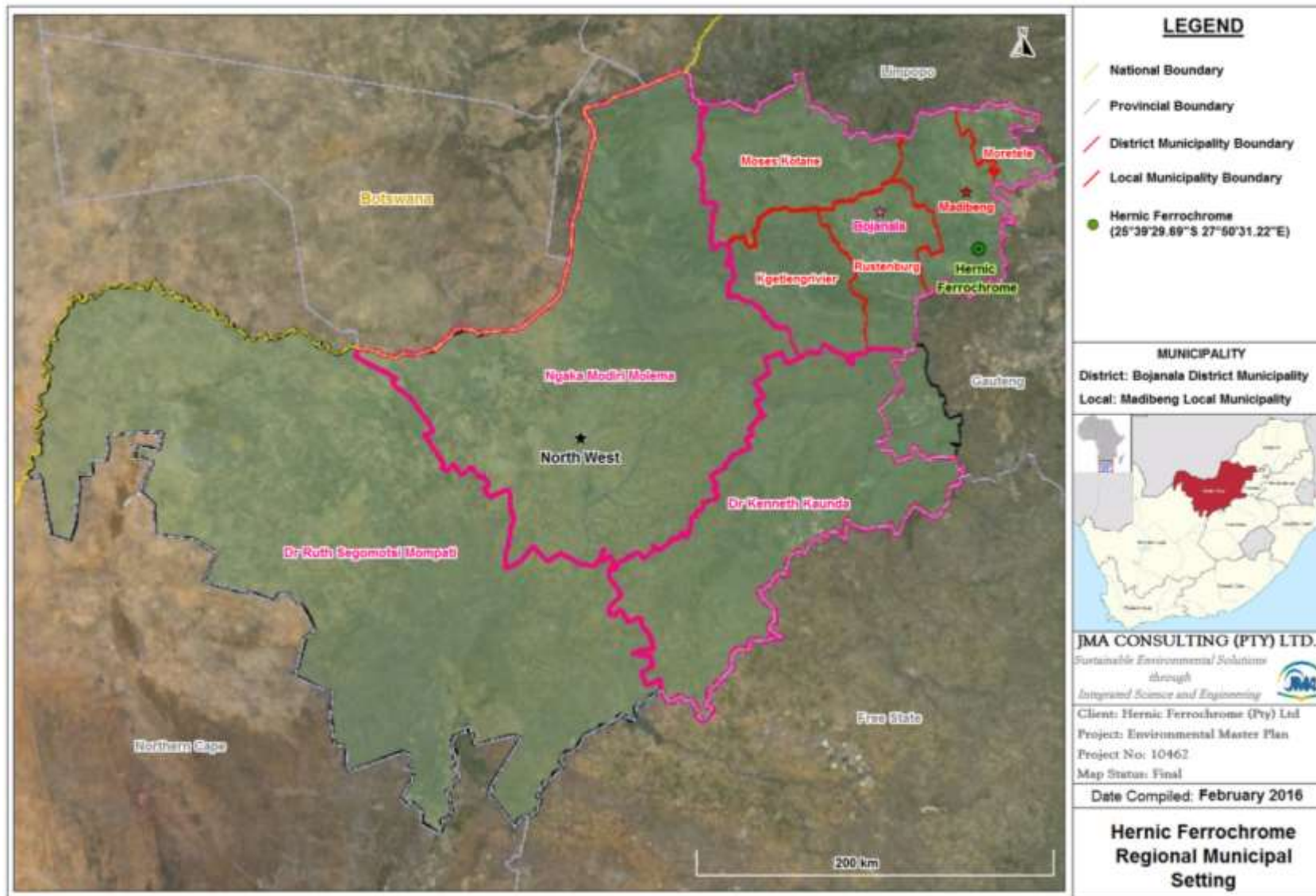


Figure 4(a): Regional Setting of the Hernic Ferrochrome Project

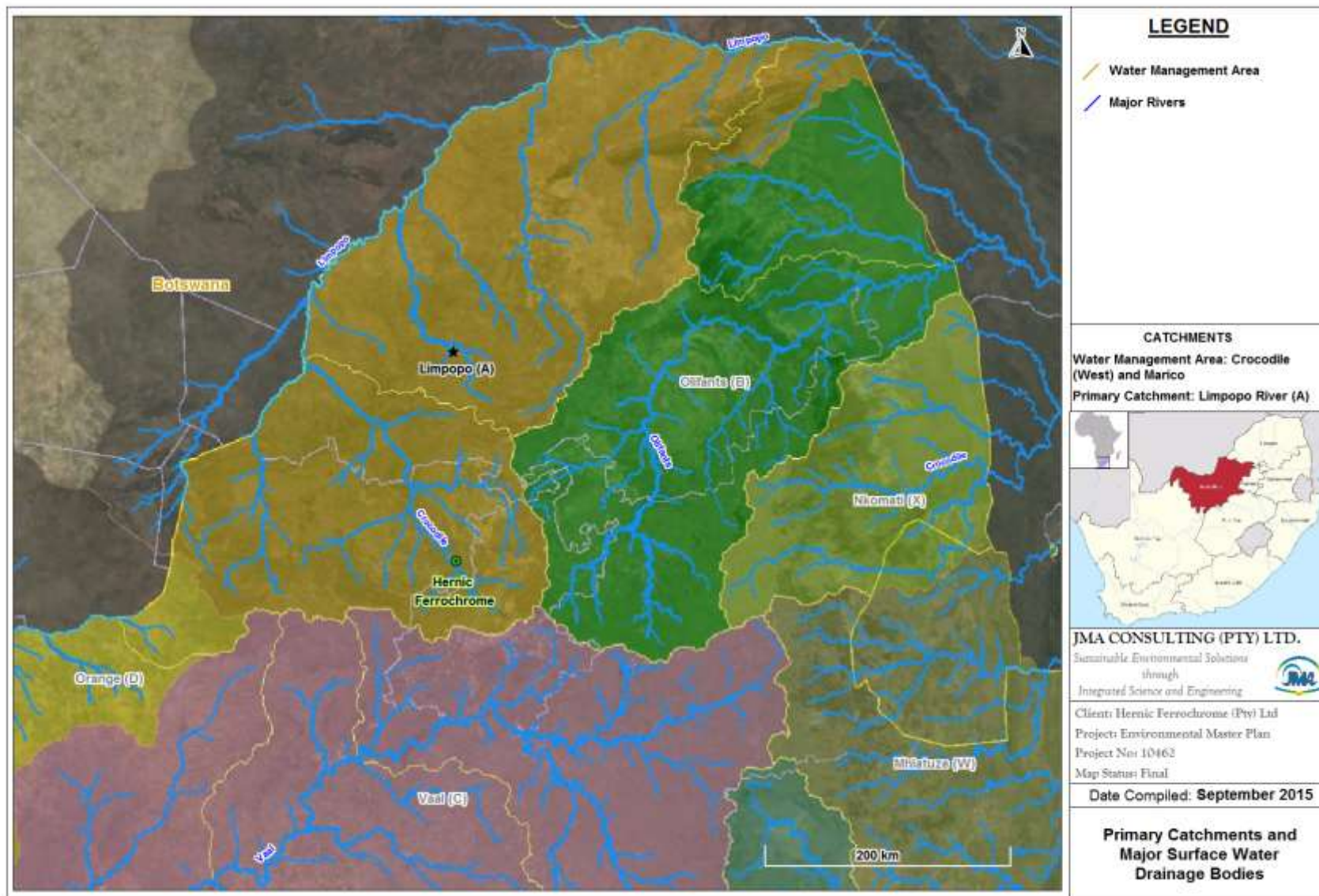


Figure 4(b): Primary Catchments and Major Surface Water Drainage Bodies

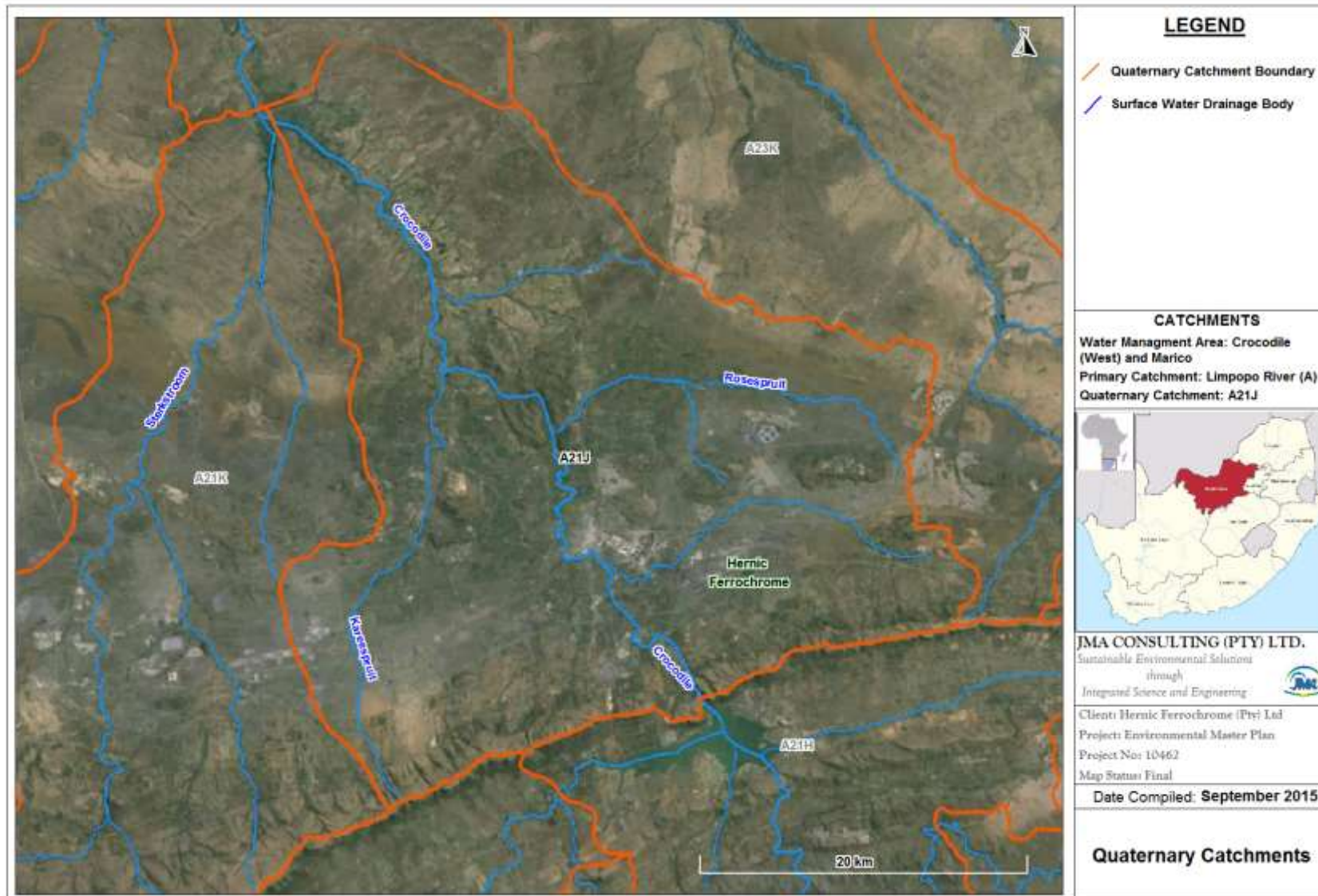


Figure 4(c): Delineated Quaternary Catchments

## 5. DESIGNING THE PUBLIC PARTICIPATION PROGRAMME

Having considered the legal and practical attributes of the Hernic Project, having due regard for the terms of reference, and having consulted the relevant guidelines for public participation referenced in section 3.2, JMA Consulting designed a Public Participation Programme for the Hernic Project.

Three proposed categories of variables were taken into account when deciding on the level of public participation and process to be followed:

- The scale of anticipated impacts of the proposed impacts;
- The sensitivity of the affected environment and the degree of controversy of the project; and
- The characteristics of the potentially affected parties.

JMA Consulting, took cognisance of the above mentioned guidance criteria when the Public Participation Programme was developed, but also made the decision early on in the process to be adaptable to the situation on the ground. Thus being open to suggestion from I&AP's, with no part of the pre-planned Public Participation Programme set in stone.

### 5.1 PUBLIC PARTICIPATION PROGRAMME PLAN

The PPP Plan for the Hernic Project comprises the following actions:

- Compile/Update the I&AP Database
- Pre-Application Discussion – DMR – Klerksdorp
- Pre-Application Discussion – Department of Water and Sanitation (DWS) – Hartbeespoort
- Compile Notification of Application and Public Meeting (Scoping Phase) Documentation (Notification Letters, Background Information Document (BID), Site Notices, Newspaper Adverts, Comment Forms)
- Compile Draft Scoping Report
- Place Newspaper Adverts (Platinum Weekly and Brits Pos)
- Put up Site Notices (Hernic Ferrochrome Site, De Ras Community School, Madibeng Local Municipality and Madibeng Library)
- Distribute Notification Letters and Comment Forms via E-mail and send Notification sms'e
- Submit Application to DMR and Notice of Intent to DWS
- Prepare for Public Meeting (Venue, Agenda, BID, Presentation, Comment /Response Forms)
- Conduct Public Meeting (Scoping Phase)
- Distribute Draft Scoping Report for Review (30 days) (Hernic Ferrochrome, Madibeng Library, JMA Consulting Website)
- Compile and Distribute Minutes of Public Meeting
- Conduct Focus Group Meetings if necessary/requested
- Compile and Distribute Minutes of Focus Group Meetings
- DWS Site Inspection and Permission to Proceed
- Collect Draft Scoping Report after Review
- Capture and Respond to Issues and Concerns
- Update Issues and Concerns Register
- Compile and Update Draft Public Participation Programme Report (Appendix to Final Scoping Report)
- Update and finalise the Scoping Report, print and submit to DMR for Consideration
- Compile draft EIA Report and draft EMP Report
- Compile Notification of Public Meeting (Impact Phase) Documentation (Notification Letters, BID, Site Notices, Newspaper Adverts, Comment Forms)
- Place Newspaper Adverts (Platinum Weekly and Brits Pos)



- Put up Site Notices (Hernic Ferrochrome Site, De Ras Community School, Madibeng Local Municipality and Madibeng Library)
- Distribute BID, Notification Letters and Comment Forms via E-mail and send Notification sms'e
- Prepare for Public Meeting (Venue, Agenda, Presentation, Comment /Response Forms)
- Conduct Public Meeting (Impact Phase)
- Distribute Draft EIA Report and Draft EMP for Review (30 days) (Hernic Ferrochrome, Madibeng Library, JMA Consulting Website)
- Compile and Distribute Minutes of Public Meeting
- Conduct Focus Group Meetings if necessary/requested
- Compile and Distribute Minutes of Focus Group Meetings
- Collect Draft EIA Report and Draft EMP after Review
- Capture and Respond to Issues and Concerns
- Update Issues and Concerns Register
- Update, finalise and print the EIA Report and EMP Report
- Compile and Print Final Public Participation Programme Report (Appendix to Final EIA Report)
- Submit all to DMR for Consideration

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## 6. DETAILS OF THE ENGAGEMENT PROCESS

### 6.1. COMPILE/ UPDATE STAKEHOLDER DATA BASE

At the start of any PPP a formal I&AP Database has to be compiled and which need to be updated/expanded as the process continues. Following the Public Participation guideline GNR 807 of October 2012, an I&AP can be defined as:

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

Following the DMR guideline (for the compilation of a Scoping Report and template available for preparing a Scoping Report), I&AP's are regarded as the following:

- Host Communities
- Traditional Land Owners
- Title Deed Land Owners
- Traditional Authority
- Land Claimants
- Lawful Land Occupiers
- Any other person on adjacent or even non-adjacent land whose socio-economic conditions may be directly affected by the proposed project
- The Local Municipality
- The Regional Municipality
- The Department of Mineral Resources
- The Department of Environmental Affairs
- The relevant Government Agencies and Institutions responsible for the various aspects of the environment and for infrastructure

Having full regard for the above, a formal I&AP Database were compiled/updated for the Hernic Project. This data base will be continually updated throughout the process. A copy of the current I&AP data base is attached as **APPENDIX 6.1(A)**

### 6.2. PRE-APPLICATION MEETINGS WITH CA's

A Pre-Application Discussion Meeting was held with the DMR on 01 November 2016 at Klerksdorp and with DWS on 28 November 2016 at Hartbeespoort.

The purpose of these meetings was to discuss the Environmental Master Plan that is being developed for Hernic (the project objective is to provide an overall management plan to address all aspects of the various environmental disciplines in an integrated cost effective and environmentally sound and sustainable manner over the long term).

Minutes of these meetings are attached as **APPENDIX 6.2(A)**.

### **6.3. NOTICE OF APPLICATION AND SCOPING PHASE PUBLIC MEETING**

During the Notice of Application and Scoping Phase Public Meeting process, a notification letter was compiled to formally inform provisionally identified I&AP's of the project as well as the PPP to be followed. In support of this notification, a BID relaying the information pertaining to the project (including maps and diagrams) as well as the PPP to be followed was also compiled for distribution to I&AP's. In addition, newspaper advertisements and site notices were similarly compiled to inform I&AP's.

Copies of the notification letter, BID, newspaper advertisements, as well as the site notices are attached as **APPENDIX 6.3(A)**.

Notification letters and comments pages were e-mailed to I&AP's in cases where relevant details were available (16 January 2017). To ensure that all I&AP's were notified, notifications were also sent via sms'e (16 January 2017). I&AP's were asked to identify other I&AP's not currently in the database and to identify how they would prefer to receive further communication regarding the project.

Newspaper Advertisements appeared on 13 January 2017 in the Brits Pos and Platinum Weekly Newspapers.

Site Notices were put up on 12 January 2017 at the following sites:

- HERNIC Ferrochrome Main Entrance
- HERNIC Ferrochrome Access Road to Admin Lapa
- De Ras Community School
- Madibeng Local Municipality
- Madibeng (Brits) Local Library

These notifications/advertisements/site notices notified I&AP's of the Application and the Public Meeting held on 27 January 2017 at the HERNIC Ferrochrome Admin Lapa.

Proof of notification e-mails, comment page, sms'e, newspaper adverts and placement of site notices can be found in **APPENDIX 6.3(B)**.

### **6.4. COMPILE DRAFT SCOPING REPORT**

A Draft Scoping Report was compiled in accordance with the Content of a Scoping Report as stated in Appendix 2 of the NEMA EIA Regulation (GNR 982) of 04 December 2014. This report was compiled in strict fulfilment of these requirements, the same which are also contained in a DMR Scoping Report Template.

### **6.5. SUBMIT APPLICATION TO DMR AND NOTICE OF INTENT TO DWS**

An Application for EA was submitted to the DMR office in Klerksdorp on 26 January 2017.

The Application submitted relates to both the consolidation of several approved EMPR's and the decommissioning, developments and expansions of certain activities to the current mining and smelting operations at HERNIC and for which EA's are required.

Specifically, EIA Authorizations in terms of NEMA for listed activities, an EMPR Amendment in terms of the MPRDA, a Waste Licence in terms of NEMWA, an Amendment to the Water Use Licence in terms of NWA and lastly an amendment to their AEL in terms of the NEMAQA.

Proof of submission of this Application as well as the Proof of Payment is attached as **APPENDIX 6.5(A)**.

Proof of the Letter of Intent submitted to DWS is attached as **APPENDIX 6.5(B)**.

## **6.6. PREPARE FOR SCOPING PHASE PUBLIC MEETING**

During the preparation for the Scoping Phase Public Meeting, the Hernic Ferrochrome Admin Lapa was arranged as venue as it was a neutral venue and easily accessible to all I&AP's.

The following Agenda was drawn up for the meeting:

- Welcome & Meeting Rules
- Presentation
- Questions and Discussion
- Closure

Response Forms were designed to be handed out to I&AP's at the Scoping Phase Public Meeting to capture any comments. A copy of the response form is attached as **APPENDIX 6.3(B)**

A formal Slide Show presentation was also compiled – attached in **APPENDIX 6.6(A)**

## **6.7. CONDUCT SCOPING PHASE PUBLIC MEETING**

The Scoping Phase Public Meeting was held at 11h00 on 27 January 2017 at the Hernic Ferrochrome Admin Lapa.

JMA addressed the full agenda in the format of a slide show and explained what was proposed by Hernic. The contents of the Draft Scoping Report was discussed with the I&AP's. Opportunity was provided to I&AP's to ask questions and to raise concerns regarding the proposed project.

I&AP's were informed that the Draft Scoping Report would be available for public review as from 27 January 2017 for a time period of at least 30 days.

The closure date for comments was relayed as 28 February 2017. Hard copies of the reports were made available at the following venues:

- Hernic Ferrochrome Main Entrance
- Madibeng (Brits) local Library

Electronic Copies could be provided on request. The report could also be downloaded from the JMA website: [www.jmaconsult.co.za](http://www.jmaconsult.co.za).

The Attendance Register of the meeting is attached as **APPENDIX 6.7(A)**.

## **6.8. COMPILE AND DISTRIBUTE MINUTES OF SCOPING PHASE PUBLIC MEETING**

The proceedings were recorded on a voice recorder. This recording was used to compile comprehensive Minutes of the Meeting. After completion, the minutes were distributed via e-mail to all I&AP's. A copy of the Public Meeting minutes is attached as **APPENDIX 6.8(A)**.

## **6.9. DISTRIBUTE DRAFT SCOPING REPORT FOR REVIEW**

The Draft Scoping Report was available for public review as from 27 January 2017 for a time period of at least 30 days.

The closure date for comments was 28 February 2017. Hard copies of the reports were made available at the following venues:

- HERNIC Ferrochrome Main Entrance
- Madibeng (Brits) local Library

Proof of submission of this report to the above mentioned library is attached as **APPENDIX 6.9(A)**.

Electronic Copies could be provided on request. The report could also be downloaded from the JMA website: [www.jmaconsult.co.za](http://www.jmaconsult.co.za).

Regulation 40(1)(b) of the EIA Regulations (GNR 982) of 04 December 2014, states that -

*the Scoping Report submitted in terms of regulation 21 must give all potential or registered interested and affected parties, including the competent authority, a period of at least 30 days to submit comments on these reports.*

Four hard copies of the Draft Scoping Reports were submitted to the following relevant authorities for a review period of 30 days:

- The Department of water and Sanitation (DWS – Hartbeespoort)
- The Department of Environmental Affairs (DEA – Pretoria)
- Department of Rural, Environment and Agricultural Development (READ – Rustenburg)
- The Local Municipality of Madibeng

Proof of submission of these reports to the relevant Authorities is attached as **APPENDIX 6.9(B)**.

## **6.10. CONDUCT FOCUS GROUP MEETINGS IF NECESSARY/REQUESTED**

Focus Group Meetings could be arranged at any time during the PPP Process. Up to date no request for a Focus Group Meeting was obtained.

## **6.11. COMPILE AND DISTRIBUTE MINUTES OF FOCUS GROUP MEETINGS**

Focus Group Meetings could be arranged at any time during the PPP Process. Up to date no request for a Focus Group Meeting was obtained.

## **6.12. DWS SITE INSPECTION AND PERMISSION TO PROCEED**

DWS arranged a site inspection for 23 February 2017 in support of the Amendment of the Current Approved Water Use Licence and the Application for new Water Uses.

See **APPENDIX 6.12(A)** for the Attendance Register of this site inspection. Also in this appendix is the comments received by DWS on the draft Scoping Report submitted to them for a review period of 30 days.

### **6.13. RECOVER DRAFT SCOPING REPORT AFTER REVIEW**

I&APs had 30 days' time to comment and give feedback to JMA Consulting regarding the Draft Scoping Report. After the available 30 days for commenting expired, the reports and comments were collected from the relevant distribution localities on 28 February 2017.

### **6.14. CAPTURE I&AP COMMENTS AND ISSUE ACKNOWLEDGEMENTS**

Details of the different available formats in which comments could be submitted were provided to the I&AP's along with the relevant contact information. It was clearly indicated to all I&AP's that all comments received would be recorded and dealt with in an Issues & Response Register.

I&APs and the CA had 30 days' time to comment and give feedback to JMA Consulting regarding the Scoping Report.

### **6.15. UPDATE ISSUES AND RESPONSE REGISTER**

All the comments and feedback gathered from the I&AP's and CA, throughout the PPP were compiled into the Issues and Response Register. Each comment was reviewed by the EAP and responded to by the EAP.

The responses are therefore contained in the Issues and Response Register, which is provided in Chapter 8 of this Public Participation Programme Report.

### **6.16. UPDATE DRAFT PPP REPORT**

The Public Participation Programme Report was continuously updated throughout the PPP Process.

### **6.17. UPDATE/FINALISE SCOPING REPORT AND SUBMIT TO DMR**

The Draft Scoping Report was updated to include the comments and responses thereto and was reprinted as the Final Scoping Report dated March 2017.

Two hard copies of the Final Scoping Report was submitted for consideration to the DMR on the 13<sup>th</sup> of March 2017 (within 44 days after the application was submitted).

### **6.18. CA DECISION ON SCOPING REPORT (43 DAYS AFTER THE SCOPING REPORT WAS RECEIVED BY THE CA)**

Comments received on the Scoping Report from the DMR is attached as **APPENDIX 6.18(A)**.

### **6.19. COMPILE DRAFT EIA AND EMP REPORTS**

A draft EIA and EMP Report was compiled in accordance with the Content of a EIA and EMP Report as stated in Appendix 3 and Appendix 4 of the NEMA EIA Regulation (GNR 982) of 04 December 2014. These reports were compiled in strict fulfilment of these requirements, the same which are also contained in a DMR EIA and EMP Report Template.

## **6.20. NOTICE OF EIA PHASE PUBLIC MEETING**

During the EIA Phase Public Meeting process, a notification letter was compiled to formally inform registered I&AP's of the project as well as the PPP to be followed. In support of this notification, a BID relaying the information pertaining to the project (including maps and diagrams) as well as the PPP to be followed was also compiled for distribution to I&AP's. In addition, newspaper advertisements and site notices were similarly compiled to inform I&AP's.

Copies of the notification letter, BID, newspaper advertisements, as well as the site notices are attached as **APPENDIX 6.20(A)**.

Notification letters and comments pages were e-mailed to I&AP's in cases where relevant details were available (15 June 2017). To ensure that all I&AP's were notified, notifications were also sent via sms'e (15 June 2017). I&AP's were asked to identify other I&AP's not currently in the database and to identify how they would prefer to receive further communication regarding the project.

Newspaper Advertisements appeared on 15 June 2017 in the Brits Pos and Platinum Weekly Newspapers.

Site Notices were put up on 15 June 2017 at the following sites:

- HERNIC FERROCHROME Main Entrance
- HERNIC FERROCHROME Access Road to Admin Lapa
- De Ras Community School
- Madibeng Local Municipality
- Madibeng (Brits) Local Library

These notifications/advertisements/site notices notified I&AP's of the S&EIR Process and the Public Meeting held on 30 June 2017 at the HERNIC FERROCHROME Admin Lapa.

Proof of notification e-mails, comment page, sms'e, newspaper adverts and placement of site notices can be found in **APPENDIX 6.20(B)**.

## **6.21. PREPARE FOR EIA PHASE PUBLIC MEETING**

## **6.22. CONDUCT EIA PHASE PUBLIC MEETING**

## **6.23. DISTRIBUTE DRAFT EIA/EMP REPORTS FOR REVIEW**

## **6.24. COMPILE AND DISTRIBUTE MINUTES OF EIA PHASE PUBLIC MEETING**

## **6.25. CONDUCT FOCUS GROUP MEETINGS IF NECESSARY/REQUESTED**

## **6.26. COMPILE AND DISTRIBUTE MINUTES OF FOCUS GROUP MEETINGS**

## **6.27. RECOVER DRAFT EIA/EMP REPORTS AFTER REVIEW**

**6.28. CAPTURE I&AP COMMENTS AND ISSUE ACKNOWLEDGEMENTS**

**6.29. UPDATE ISSUES AND RESPONSE REGISTER**

**6.30. UPDATE/FINALISE EIA/EMP REPORTS AND SUBMIT TO DMR (106 DAYS AFTER THE SCOPING REPORT WAS ACCEPTED BY THE CA)**

**6.31. UPDATE/FINALISE PPP REPORT AND SUBMIT TO DMR**

**6.32. DECISION/APPROVAL ON EIA/EMP REPORTS**

Following section 24 of the EIA Regulation (GNR 982) of 04 December 2014, the CA must within 107 days of receipt of the final EIA and EMP Reports, in writing –

- (a) Grant environmental authorisation in respect of all or part of the activity applied for or
- (b) Refuse environmental authorisation.

**6.33. NOTIFY A&AP'S OF DECISION AND INFORM ON APPEAL PROCESS**

JMA Consulting will on behalf of Heric Ferrochrome, in writing within 14 days after the decision was reached by the CA, notify all the registered I&AP's of the decision as well as the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations, if such appeal is available in the circumstances of the decision.



## 7. I&AP CONSULTATION CONFIRMATION

A comprehensive PPP have been conducted for the Heric Ferrochrome Project. Following the DMR Guidelines relating to the compilation of a Scoping, EIA and EMP Reports, specific requirements are listed for confirmation that I&AP's have been consulted.

Although this PPP report supports a S&EIR Process and hence the compilation and submission of a Scoping, EIA and EMP Report, this chapter was included for comprehensiveness' sake and to provide information on the confirmation process and outcome.

### 7.1 ASPECTS LISTED FOR I&AP CONFIRMATION

Pertinent aspects related to the PPP and which are listed in the mentioned guidelines, include the following:

- Confirm that the landowner or lawful land occupier of the land in question, and any other I&AP's including all those listed in chapter 6, were notified, notification letters appended hereto.
- Provide a description of the information provided to the community, landowners, and I&AP's to inform them in sufficient detail of what the proposed project will entail on the land, in order for them to assess what impact the project will have on them or on the use of their land.
- Provide a list of their views raised on how their existing environment will be affected by the proposed project.
- Specifically confirm that the community and identified I&AP's have been consulted and that they agree that the potential impacts identified include those identified by them.
- Provide a list of which of the identified communities, landowners, lawful occupiers, and other I&AP's were in fact consulted.
- Provide a list of any other concerns raised by the aforesaid parties.
- Provide the applicable minutes and records of the consultations.
- Provide information with regard to any objections received.
- Confirm which specialists were consulted with regard to any aspect related to the proposed project.

### 7.2 CONFIRMATION METHODOLOGY

JMA Consulting designed a confirmation methodology which contained the following elements:

- **Provide I&AP's with information** to empower them to understand the project, the S&EIR process and how they should participate, as well as with information related to the current environment, how the project could impact the environment and which measures could be adopted to manage the expected impacts.

This was achieved through:

- Compilation and distribution of a BID document.
- Slide show presentations during the public meetings covering all the information required by I&AP's, including but not limited to, a project description, the S&EIR process description and how the I&AP's could participate, the contents of the Scoping, EIA and EMP Reports, potential impacts identified by the EAP and Project Team, possible management measures, monitoring plan, etc.
- Compilation and distribution of draft Scoping, EIA and EMP Reports
- Site visit to the project area for I&AP's upon request.

- **Provide I&AP's with user friendly tools** through which to submit their concerns, issues, responses and confirmations.

This was achieved through:

- Compilation and distribution of comment sheets designed to allow for feedback on all required aspects as per the DMR guidelines.
- Explanation of the purpose of the comment sheets and how to complete and submit them.
- Assistance with the completion of the comment sheets during all the meetings.
- I&AP's could complete the comment sheets in their mother language and JMA provided translation services to translate the comments into English.

- **Provide I&AP's with the opportunity** to voice and submit their concerns.

This was achieved through:

- Allowing for discussions and questions at the public and focus group meetings.
- Providing details on comment feedback addresses (telephone, SMS, e-mail, fax and postal addresses).
- Written comments could be submitted to central local points from where they were collected by JMA.

- **Provide I&AP's with feedback** through a simple and structured methodology.

This was achieved through:

- The compilation and continual updating of a formal Issues and Response Register into which all comments and issues were captured and in which all comments and issues were answered by the EAP.

## **8. ISSUES AND RESPONSE REGISTER**

All questions asked, issues raised, concerns expressed, and comments made by the CA and I&AP's throughout the project, either by way of verbal statement, written comment and/or formal letters addressed to the EAP or Applicant, were captured in the Issues and Response Register relayed below.

The formal responses to each of these were compiled by the EAP in collaboration with the relevant Specialists and the Applicant. The responses are fully recorded in the Issues and Response Register.

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Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
Mr Isaac Metjilati (IM)	Damonsville Community/SANCO	Yes - Scoping Phase Public Meeting	27/01/2017	<p>1) IM wanted to know if the dams are full what happens to all the excess water on site if for e.g. it is raining a lot.</p> <p>2) In addition, IM wanted to know if there is going to be an expansion/improvement of the air quality systems (taphole fume extraction system and dust abatement system), how dangerous is the current air quality.</p>	<p>1) The storm water management system will be designed to cater for the 1:50 year rainfall event which means only once in 50 years will there be e.g. more than 100mm of rain in 24 hours. If below that amount, water goes to the dams on site and then the water is re-used into the process (pumped back into the process). Under normal operating conditions no water from the site is allowed into any surface water stream. If more rain than the 1:50 year event, then water could go into the stream. Fortunately due to the large amount of water, water quality will actually be better because of the dilution effect. Hernic will operate dams according to the designs, make sure that it doesn't silt up and spill.</p> <p>2) Hernic currently operates within the limits specified in their Air Emission Licence (AEL). They want to make current systems more efficient. AEL's have targets specified by the relevant authorities for the future, e.g. by 2020 they want to improve the quality of the emissions that get released into the atmosphere. These air quality control upgrades will enable them to reach the target limits specified in the AEL.</p>	Consensus
Mr At von Wielligh (AW)	Land Owner	Yes - Scoping Phase Public Meeting and Comment Form Received via Email	27/01/2017 16/01/2017	<p>1) The Old Historic Slimes Dams is the culprit of water contamination with Cr(6+). AW stated that there were holes in the liner system in the past. AW wanted to know how Hernic will resolve this problem and make the water safe.</p>	<p>1) Material currently on these slimes dams are covered with plastic to prevent more rainfall coming in and infiltrating. All the slimes on the surface will now be removed, and that slimes will either be pelletized and re-cycled through the system (disposed on the TSF after all the chrome has been removed) or it will be slurried and disposed of on the H:H facility that has an appropriate liner system. Hernic is authorised to dispose of such material on this facility, and then the H:H Facility will be closed (capped). Once slimes have been taken off the footprint, an assessment of the underlying soil quality will be done.</p> <p>If the soils are contaminated the soils will also be removed and treated and then that area will be covered. This area is earmarked for new silt trap which forms part of the new storm water</p>	Consensus & Noted

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				2) Gas pollution of the environment	<p>management system. The silt trap will be a concrete facility that won't be able to leak. But currently a groundwater study is underway, which is investigating the residual groundwater pollution plume. Groundwater contamination can only be resolved by pumping and treating of the water. Currently there are three boreholes that pump water from the plume. When water is pumped, water levels go down and the flow direction is modified. If sufficient pumping occurs, a cone of depression forms and water starts flowing towards the borehole and therefore prevent water from flowing out further and contaminating the groundwater system. Water currently pumped out goes through the groundwater treatment plant. The efficiency of this plant is also now being assessed. If other authorisations will be needed as a result of this ongoing groundwater study, it will be included in the water use licence application.</p> <p>2) All atmospheric emissions at HERNIC are regulated in terms of the conditions contained in the HERNIC Atmospheric Emissions License. HERNIC continually improves on atmospheric emissions and dust control as the standards allowed by the regulator becomes increasingly stringent.</p>	
Mr Lewis (LM)	Mmakau Community	Yes - Scoping Phase Public Meeting	27/01/2017	1) Since Mr Lewis is part of the local communities, he wanted to know how this process will benefit local communities.	1) This is an environmental process, whereby JMA Consulting looks at the environment, the protection of the environment and the management of the environment. JMA Consulting ensures if a mine/applicant applies for new authorisations, that when they get those authorisations, they manage the impact on the environment in the correct way. The benefit to the community as far as this process is concerned should be regarded in terms of the quality of the water, air, noise, etc. There is another process whereby financial benefit to the communities is addressed and that is in the Social and Labour Plan (SLP). When the mine compiles their SLP, there are certain legal requirements that they have to go through which also includes a public	Consensus

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				<p>2) LM also wanted to know in terms of the water management, certain dams that pollute the water, based on the undergoing studies, will the community be allowed to participate e.g. designs/building of the dams.</p> <p>3) LM wanted to know if Acid Mine Drainage (AMD) will affect the water quality.</p>	<p>participation process programme. As part of the amendment of the EMPR (this process), a new updated SLP must be compiled and submitted, but that is not part of this process or of this public participation programme.</p> <p>2) Designs for new dams will be compiled by civil engineers and contractors appointed through a normal tendering process facilitated by the mine. Community will not necessarily benefit financially, but their environment and water resources will be protected.</p> <p>3) AMD is not expected to occur at HERNIC as none of the required minerals are present to produce AMD.</p>	
General Comment from Attendee (did not state name)		Yes - Scoping Phase Public Meeting	27/01/2017	<p>If there is no benefit to the community, the community feels that they are at the wrong meeting, therefore no reason for the community to be present. Attendee was of the opinion that the community was only invited to this meeting and process to complete the attendance register and therefore aid with the compliance of the regulations. He remarked that there is highly skilled labour available from the community; he was confused as to why the community is being undermined. The consultants/engineers/contractors should be from the local community. He feels that HERNIC is manipulating the procurement system and that it should be revised.</p>	<p>The EAP has to submit an approved SLP as part of this application, but it is a separate process to develop the SLP, a separate process facilitated by the mine. This current process is only from an environmental perspective. The EAP assumes there will be meetings and discussions with communities related to job opportunities and related to contracts. JMA Consulting does not facilitate/prescribe that process. I&amp;AP's were invited to this meeting in terms of the environmental legislation. JMA Consulting did not give the intention that this meeting would address SLP issues/concerns. It is not the mandate of the EAP to discuss these issues as part of this process. JMA Consulting invites all I&amp;AP's whose environment might be affected. The EAP assumes consultants are addressing the SLP and that during the process will also invite all the I&amp;AP's that might be affected. JMA Consulting can however not be responsible for that process and of who will get invited to meetings. JMA Consulting can therefore not provide answers to concerns raised in terms of the SLP.</p> <p><u>Robert Raphela (RR: External Affairs Manager from HERNIC) Response to above Comments and Questions</u> RR was disappointed to hear these</p>	Consensus
Mr Oupa Mashowani	Unemployed Youth	Yes - Scoping Phase	27/01/2017	OM represents the unemployed youth.		Consensus

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(OM)		Public Meeting		<p>OM wanted to know how many young people around Madibeng will be employed as part of this process.</p> <p>OM wanted to know how many black owned businesses will receive contracts as part of this process. OM wanted to know why they as a community must provide input into this public participation process if they are not benefitting financially.</p>	<p>comments/concerns. Invites were specific to the process that is being explained/facilitated. RR remarked that some of the community members were being malicious.</p> <p>The SLP is a separate process, HERNIC has been engaging with the community, the SLP is being discussed and the communities affected are aware of this. RR remarked that the claim of not knowing why everyone is at the meeting is malicious. The issues around procurement are issues that need to be asked to HERNIC not JMA Consulting. RR confirmed that there are platforms where these issues are being discussed.</p>	
Mr Shebogi		Yes - Scoping Phase Public Meeting	27/01/2017	<p>Most people attending this meeting don't understand what the EAP is talking about. Before any formal process starts, the mine should go to the municipality to get information about the local companies around and available. No one from the project team has been to their villages and he is of the opinion that it doesn't matter what the community say about the environment, there won't be any change. He suggested that EAP should have mentioned from the start that there are two separate processes under the MPRDA, one for the environmental process and one for the SLP process. Shebogi wanted to know how one can submit an application before the formal public participation process starts. Shebogi also wanted to know where HERNIC advertises for jobs/work for consultants.</p>		Consensus

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Me Lesego Segale (LS)	De Kroon Community	Yes - Scoping Phase Public Meeting	27/01/2017	1) This project and this process is relevant to her and her community. They are struggling with water supply. They can't drill any boreholes and the borehole at the De Kroon community has been closed down due to contamination.	1. During the EIA Phase all HERNIC related impacts on the availability or quality of water will be investigated. If an impact is identified, management measures to address, remediate or remove the impact will be designed for implementation.  HERNIC has no responsibility to provide water to communities, unless HERNIC has impacted on a legal water use.	To be finalized during the EIA Phase.
Mr Elias Ntjanyana (EN)	Damonsville Community	Yes - Scoping Phase Public Meeting	27/01/2017	1) He represents the Damonsville community and wanted to know if HERNIC did a study and provided a report on this to JMA Consulting with regards to the contamination from the historic slimes dams. EN wanted to know what will be impacted upon by this contamination.	1) Studies have been conducted and the information was provided to JMA. However, JMA will re-assess the situation through a study and investigation that will be part of the Environmental Impact Assessment Phase of this project. This will entail the impact identification and description as well as the proposed management measures of a particular impact.	Consensus
Mr Phineas Motsepe (PM)	MMakau Community	Yes - Scoping Phase Public Meeting	27/01/2017	1) PM is concerned about the information flow on community level. PM suggested that HERNIC should improve management of I&AP database. PM is a landowner and he was only informed very late yesterday about this meeting. HERNIC/JMA Consulting should consult the relevant people. Government officials (Municipalities, DMR and HERNIC Management) should also be present at these meetings. PM stated that the rightful affected community is Bakgatla Ba Moiletswane.	1) The expansion of the I&AP data base is an ongoing process. People are requested to provide contact details on the Attendance Register to ensure that they are included in future correspondence. As for the other parties mentioned, they have all been informed about the meeting. HERNIC management was represented at the meeting.	Consensus
Mr Aubrey Mpangane (AM)	Bojanala CPIDF (Communal Property Institutions)	Yes - Scoping Phase Public Meeting	27/01/2017	1) AM wanted to know if the land owner status was investigated during the pre-planning phase of this project. AM states that someone is hiding information	1) It was considered. EAP was not aware that the land on which HERNIC currently operates on belong to someone else other than HERNIC. The EAP will inform the Land Claims Commissioner about the properties related to this project and ask the Land	To be finalized during the EIA Phase.



Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
	District Forum)			<p>regarding property/ landowner status and suggested that a committee be established to focus on this issue.</p> <p>2) AM also wanted to know if all scrap/off cuts from the sit cannot be donated to the community.</p> <p>3) What SSME opportunities are there for local entrepreneurs.</p> <p>4) AM wants a copy of the Attendance Register.</p> <p>5) AM wants SD&amp;L approach for local/ community entrepreneurs explained to him.</p>	<p>Claims Commissioner to confirm if there are land claims on the property or not. Information currently available to the EAP indicates that there are no land claims lodged on the relevant property. EAP requested AM to complete a comment form. The EAP will use the formal structures available to JMA Consulting in order to assess this claim. JMA Consulting requested AM to provide them with the land claim correspondence that he currently has.</p> <p>2) Scrap and off-cuts are controlled in the sense that all needs to be processed through the Salvage Yard, which is managed in terms of Waste Management Legislation. Some of the materials are recycled whilst others are removed from site by service providers, either for re-use or for disposal. The entire process is controlled by Waste Legislation.</p> <p>3) All enquiries related to commercial opportunities and social and labour related matters are to be referred to Mr <u>Robert Raphela (RR: External Affairs Manager from HERNIC)</u></p> <p>4) The Minutes of the Public Meeting (including an Attendance Register) will be circulated to all the I&amp;AP's.</p> <p>5) Please refer to Mr Robert Raphela.</p>	
General Comment from Attendee representing the De Kroon Community		Yes - Scoping Phase Public Meeting	27/01/2017	1) There is a need for healthy water for the community. He wanted to know how the mine will help in this regard.	<p>1) EAP requested that a comment form be completed and confirmed that the necessary feedback would be provided. An action plan will be implemented if there is a problem/impact. EAP requests that contact details be provided to ensure that JMA Consulting knows where to investigate.</p> <p>During the EIA Phase all HERNIC related impacts on the availability or quality of water will be</p>	To be finalized during the EIA Phase.

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
					<p>investigated. If an impact is identified, management measures to address, remediate or remove the impact will be designed for implementation.</p> <p>HERNIC has no responsibility to provide water to communities, unless HERNIC has impacted on a legal water use.</p>	
Mr James Wallis (JW)	Department of Agriculture	Yes - Scoping Phase Public Meeting	27/01/2017	1) JW is from the Department of Agriculture. JW wanted to know in terms of the expansion of the existing TSF, what the chances are that the particle sizes will be so small that it would be possible to be distributed by the wind like in other Madibeng areas which causes problems to the adjacent farmers/community.	1) The material to be disposed on the expanded footprint will be similar to the material that is already currently being disposed on the TSF. JMA Consulting has commissioned an Air Quality study which includes a dust fallout assessment so JMA Consulting will be able to quantify the situation, make an assessment, describe the impacts, propose management measures related to the TSF, which will all be addressed during the Environmental Impact Assessment Phase. The efficiency of the management measures will also be monitored. This concern is part of the current scope of work.	Consensus
Me Sophy Segale(SS)	De Kroon Community	Yes - Scoping Phase Public Meeting	27/01/2017	<p>1) SS is a representative of the De Kroon Community. HERNIC wrote her a letter to inform her to seal the borehole on their property due to contamination. No feedback on what to do now.</p> <p>2) SS wanted to know if the EAP will verify if there is contamination in this borehole water. SS wanted to know if they will have access to clean water. SS mentioned that the Department of Water and Sanitation (DWS) use to provide the school with water, but the school was now closed. The Local Municipality of Madibeng provides water to the community once a week, but this</p>	<p>1) The EAP requested that SS complete a comment form. JMA Consulting will take sample of borehole and have it analysed if not done already.</p> <p>2) During the EIA Phase all HERNIC related impacts on the availability or quality of water will be investigated. If an impact is identified, management measures to address, remediate or remove the impact will be designed for implementation.</p> <p>HERNIC has no responsibility to provide water to communities, unless HERNIC has impacted on a legal water use.</p>	To be finalized during the EIA Phase.

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				water is dirty.		
Mr Henri Lategan (HL)	Henri Lategan Boerdery	Yes - Scoping Phase Public Meeting	27/01/2017	<p>1) HL is a farmer next to the De Kroon Community. HL is concerned about the groundwater contamination, and also wanted to know if the air quality in that area was analysed.</p> <p>2) HL was further concerned about the fact that the Heric abstraction boreholes pumps less than some of the famers, HL wanted to know if the contamination will then not go towards the farmers.</p>	<p>1) All the technical detail related to HL's questions is available in the draft Scoping Report. The EAP requested that HL contact the EAP if the information provided in the report was not sufficient. The EAP confirmed that there is currently a groundwater and air quality assessment underway. The EAP requested that information regarding boreholes on HL's farm be provided. HL confirmed that JMA did take a water sample from his farm during the Hydrocensus.</p> <p>2) The contamination of the groundwater will be mapped with a Groundwater Flow and Mass Transport Model for the site to assess in which direction the contamination can move, how fast and how far. HL's concerns are part of the current scope of work.</p>	To be finalized during the EIA Phase.
General Comment from Attendee representing the De Kroon Community (did not state name)		Yes - Scoping Phase Public Meeting	27/01/2017	1) He is concerned how these new activities will impact the traffic.	1) EAP confirms that a Traffic Assessment is also part of this process/scope of work.	To be finalized during the EIA Phase.
Mr Stefan Minnaar (SM)		Yes - Scoping Phase Public Meeting	27/01/2017	1) SM wanted to know what is contaminating the water.	1) The legal definition of contamination/pollution is the change in the physical/chemical/biochemical characteristics of the water, therefore any change in these components are considered pollution. JMA Consulting has identified, and this is relayed in the report, any potential pollution sources, JMA Consulting has taken samples of all the heaps and dams present on site and had it analysed for a full spectrum of inorganic chemicals. JMA Consulting is now aware of what is soluble and what can go into the ground and the water quality of all the dams on site. This process was referred to as the Materials and Waste Characterisation process/report. Afterwards JMA Consulting has identified the source of contamination and afterwards the pathway of the contamination to the receptors will be assessed. The	To be finalized during the EIA Phase.

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				<p>2) SM wanted to know if this information will be available.</p> <p>3) SM wanted to know if information regarding the particle size distribution of what ends up on the slimes dams will be available.</p>	<p>environment also constitutes a receptor. For this reason the type of liners for dams etc. are assessed and determined. The migration from site is then also assessed. Groundwater migration is in the direction in which the groundwater flows. This is why a Groundwater Flow and Mass Transport Model and hydrochemical fingerprinting is done, whereby one can relate two samples to determine if they come from the same source. This constitutes the source-pathway-receptor principle. The same model will be used to determine and propose what can be done, i.e. management measures.</p> <p>2) EAP stated that all this information will be available on the website and will also be incorporated into the EIAR/ EMPR which will also be available.</p> <p>3) Information will be available in the relevant design report which will also be made available to the I&amp;AP's.</p>	
Mr Rodney Tshelane (RT)	Damonsville Community	Comment From Received via Email	22/01/2017	1) RT wants the test results for the underground water contamination, a report on the Air Pollution and wants to know what the impact of the trucks will be on their roads.	1) All the information regarding the water contamination, air quality and traffic impacts in the form of Specialist Reports will be available and provided to all I&AP's during the next phase of the public participation process, i.e. the Environmental Impact Assessment (EIA) Phase.	To be finalized during the EIA Phase.
Me Constance Mogatisi (CM)	SANCO	Yes - Scoping Phase Public Meeting	27/01/2017	1) CM stated that the community needs to benefit something, employment and skills development. Youth needs work.	1) This is an environmental process, whereby JMA Consulting looks at the environment, the protection of the environment and the management of the environment. JMA Consulting ensures if a mine/applicant applies for new authorisations, that when they get those authorisations, they manage the impact on the environment in the correct way. The benefit to the community as far as this process is concerned should be regarded in terms of the quality of the water, air and noise. There is another process whereby financial benefit to the	Consensus

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					communities is addressed and that is in the Social and Labour Plan (SLP). Another benefit from sound environmental management relates to the sustainability of the HERNIC operations, which then provides jobs for a large number of people.	
Mr Comfort Dambula (CD)	Katlego Tswelepele Trading Enterprise (PTY) Ltd	Yes - Scoping Phase Public Meeting and Comment Form Received via Email	27/01/2017 16/01/2017	<p>1) CD suggested that all the Acts binding the Company should be explained to the community.</p> <p>2) He also wants to receive follow up meeting dates.</p> <p>3) The team that constitutes the EAP should be available for /as a panel, e.g. clients/ Departments.</p> <p>4) Social and Labour Plan</p>	<p>1) Legal Framework relevant to this project was discussed with the I&amp;AP's during the Public Meeting 27 January 2017. The Comprehensive Policy and Legislative Framework is also provided in the Scoping Report. A Legal specialist report will from part of the EIAR appendices.</p> <p>2) A provisional date for the second public meeting with regards to this project was indicated during the Public Meeting 2017. The final date will be communicated later.</p> <p>3) The EAP and the team are available during the public meetings as well as afterwards for consultation regarding the project. The EAP's contact details are also relayed on numerous platforms (notification letter, email, newspaper advertisements, sms and site notices) and the team are available throughout the whole 300 day period for any questions/feedback in terms of the project.</p> <p>4) This is an environmental process, whereby JMA Consulting looks at the environment, the protection of the environment and the management of the environment. JMA Consulting ensures if a mine/applicant applies for new authorisations, that when they get those authorisations, they manage the impact on the environment in the correct way. There is another process whereby financial benefit to the communities is addressed and that is in the Social and Labour Plan (SLP). When the mine compiles their SLP, there are certain legal</p>	To be finalized during the EIA Phase.

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				5) Local Business and Community Benefits	<p>requirements that they have to go through which also includes a public participation process programme. As part of the amendment of the EMPR (this process), a new updated SLP must be compiled and submitted, but that is not part of this process or of this public participation programme.</p> <p>6) The benefit to the community as far as this process is concerned should be regarded in terms of the quality of the water, air and noise. In terms of the local business benefits, JMA Consulting is not in the position to comment on the tendering and procurement processes. This is facilitated through HERNIC. Mr <u>Robert Raphela (RR: External Affairs Manager from HERNIC)</u></p>	
Mr Aaron Ciedras (AC)	De Kroon Community	Yes - Scoping Phase Public Meeting	27/01/2017	<p>1) AC suggested that the following be addressed during this process; land pollution, water pollution, cross contamination, traffic, animals and plants.</p> <p>2) He suggests that a task team be put together to address the matters affecting the communities.</p>	<p>1) During the next phase of the project, an impact assessment will be done on a full suite of environmental components which will include (but is not limited to), soils, surface water, groundwater, animal life, plant life and traffic aspects. Management measures will also be proposed as part of this assessment. All this information will be documented in the EIAR and EMPR reports which will also be subjected to a review period of 30 days before a final version is submitted to the CA for approval.</p> <p>2) Mr <u>Robert Raphela (RR: External Affairs Manager from HERNIC)</u></p>	To be finalized during the EIA Phase.
Me Fikile Khoza (FK)	Damonsville Community/SANCO	Yes - Scoping Phase Public Meeting	27/01/2017	<p>1) FK wanted to know how the mine will minimise the amount of air pollution and the precautions HERNIC will take to make sure the communities are not affected by these pollutants.</p> <p>2) FK also wanted to know how the expansions/new activities will</p>	<p>1) The EIA Phase will comprise a full Air Quality Assessment, including an Air Quality management Plan.</p> <p>2) During the next phase of the project, an impact assessment will be done on a full suite of</p>	To be finalized during the EIA Phase.

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				affect the life cycles of the animal and plants around.	environmental components which will include (but is not limited to), animal life and plant life. Management measures will also be proposed as part of this assessment. All this information will be documented in the EIAR and EMPR reports which will also be subjected to a review period of 30 days before a final version is submitted to the CA for approval.	
Mr Lukas Andries Swanepoel (LS)	Hartbeespoort Irrigation Board	Comment From Received via Email	21/01/2017	1) Air Pollution  2) Water Pollution	1) All the information regarding the water and air quality in the form of Specialist Reports will be available and provided to all I&AP's during the next phase of the public participation process, i.e. the Environmental Impact Assessment (EIA) Phase.  2) During the next phase of the project, an impact assessment will be done on a full suite of environmental components which will include (but is not limited to), surface water, groundwater and air quality. Management measures will also be proposed as part of this assessment. All this information will be documented in the EIAR and EMPR reports which will also be subjected to a review period of 30 days before a final version is submitted to the CA for approval.	To be finalized during the EIA Phase.
Mr Nicolaas Fourie	Hartbeespoort Irrigation Board	Comment From Received via Email	20/01/2017	1) Air Pollution  2) Water Pollution	1) All the information regarding the water and air quality in the form of Specialist Reports will be available and provided to all I&AP's during the next phase of the public participation process, i.e. the Environmental Impact Assessment (EIA) Phase.  2) During the next phase of the project, an impact assessment will be done on a full suite of environmental components which will include (but is not limited to), surface water, groundwater and air quality. Management measures will also be proposed as part of this assessment. All this	To be finalized during the EIA Phase.

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				3) Storm Water Drainage	<p>information will be documented in the EIAR and EMPR reports which will also be subjected to a review period of 30 days before a final version is submitted to the CA for approval.</p> <p>3) The storm water management system will be designed to cater for the 1:50 year rainfall event which means only once in 50 years will there be e.g. more than 100mm of rain in 24 hours. If below that amount, water goes to the dams on site and then the water is re-used into the process (pumped back into the process). Under normal operating conditions no water from the site allowed into any surface water stream. If more rain than the 1:50 year event, then water could possibly go into the stream. Fortunately due to the large amount of water, water quality will actually be better because of the dilution effect. Hernic will operate dams according to the designs, make sure that it doesn't silt up and spill.</p>	
Mr Henri Lategan (HL) Mrs Rhode Lategan (RL)	Henri Lategan Boerdery	Yes - Scoping Phase Public Meeting and Comment Form Received via Email	27/01/2017 10/02/2017	<p>1) Water Contamination by hexavalent chrome/other hazardous waste. Water used for irrigation of crops, will crops become contaminated?</p> <p>2) Hernic's groundwater treatment seems ineffective as our boreholes pump 10-20 times more than Hernic boreholes.</p> <p>3) Informal Settlement opposite Hernic is polluting the Hartbeespoort Dam Water canal. What will be done?</p> <p>4) Air Quality, please place dust bucket to monitor dust fallout on our property.</p>	<p>1) Detailed Surface Water and Groundwater Specialist Studies will be conducted during the EIA Phase.</p> <p>2) This aspect will be investigated during the EIA Phase through application of a groundwater flow and mass transport model.</p> <p>3) The situation around the informal settlement is complex. The EIA Phase assessments for groundwater and surface water quality will provide guidance on the way forward.</p> <p>4) This matter will be raised with the Air Quality Specialist for action during the EIA Phase.</p> <p>5) The TSF facility will be operated and managed</p>	To be finalized during the EIA Phase.



Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				5) Maintenance on TSF Facility, who will ensure that Hemic does the required maintenance?	subject to the conditions recorded in the Waste Management License to be issued for the facility.	
Ms Basadi Moselakgomo	READ	Yes - Draft Scoping Report delivered to READ 27/01/2017	24/02/2017	<ol style="list-style-type: none"> <li>1) All schematic process flow diagrams should be detailed to show all other waste generated, reused, recycled or recovered and reflect waste quantities that are finally disposed of.</li> <li>2) Description of the New Salvage Yard should be more detailed, include input and output of the process flow such as separation at source, handling of organic waste, oil rags and all other waste streams to be handled within this facility.</li> <li>3) What will happen to existing Salvage Yard.</li> </ol>	<ol style="list-style-type: none"> <li>1) This matter will be attended to during the EIA Phase.</li> <li>2) This matter will be attended to during the EIA Phase.</li> <li>3) The area will be re-developed for other purposes once all materials have been moved to the new Salvage Yard. Any authorization(s) which may be required for the new re-development will be applied for.</li> </ol>	To be finalized during the EIA Phase.
Mr Thabakgolo Bopape	DWS	Yes - Draft Scoping Report delivered to DWS 26/01/2017	23/03/2017	1) Water Supply: It is indicated in page 32 of the report that, the site is supplied with water from the Hartbeespoort Irrigation Canal via a canal from Hartbeespoort Dam. The Department would like to be informed of any additional taking of water from any source to augment the allocated 876 000 m <sup>3</sup> which may be triggered by additional and upgrading of existing facilities	1) Noted. No additional water will need to be supplied to the site to support any of the new proposed activities.	To be finalized during the EIA Phase.

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				<p>as detailed in amendment request report. Please no person may use water otherwise than as permitted under the National Water Act 1998, (Act 36 of 1998).</p> <p>2) Waste and Refuse Removal: Please ensure that systems are put in place to ensure waste recycling (glass, paper, plastic, metal and organics, etc.) and minimisation. All waste generated during the prospecting period must be managed in accordance with the hierarchy of waste management principles and disposal at a licenced landfill site must be the last option. Please note that a service level agreement between the developer and the municipality stating that the municipality will accept waste from this development should be submitted to this Department before any activity can commence.</p> <p>3) Sanitation Supply: It is indicated in page 113 of the report that, there is a waste water treatment on site which treats an average of 140 m<sup>3</sup> of domestic sewage per day. You are requested to prove to the Department that the current plant will be able to accommodate additional</p>	<p>2) Noted.</p> <p>3) No additional effluent will be generated as a result of any of the new proposed activities.</p>	

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				<p>effluent from the proposed expansions of the mine.</p> <p>4) Storm Water Management: It is indicated in page 126 of the report that, storm water management berms and canals are present within the Heric Alloys Plant area and that, the system needs upgrade. It is also noted that the designs for upgrading of the storm water management system is currently being designed. Please note that the storm water management plan for the proposed mining activity must be approved by the relevant authority and the detail design and approval must be submitted to this office. Storm Water should not be allowed to enter the sewage system and roads should be maintained such that soil erosion is limited to the minimum.</p> <p>5) Flood line: In terms of Section 144 of the National water Act 1998, (Act 36 of 1998), no development is encouraged within the 1:100 years flood line. This office request a locality map clearly showing all water resources (Rivers, Dams, and Wetlands), in relation to the proposed site, the map must be submitted to this office.</p>	<p>4) Noted. This matter will be attended to during the EIA Phase.</p> <p>5) Noted. This matter will be attended to during the EIA Phase.</p>	

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				6) Public Participation: Please ensure that all the inputs/comments raised during the public participation process are addressed adequately. Please note that these comments do not warrant a water use authorisation. Should you engage in any water use activity, it will be concluded that you are contravening the National Water Act, 1998 (Act 36 of 1998).	6) Noted.	
Me Natasha Higgitt	SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit	Yes - Draft Scoping Report and Heritage Baseline Report uploaded onto SAHRIS 26/01/2017  Palaeontological Desktop Study Report uploaded onto SAHRIS 14/02/2017	Interim Comment (1) 13/02/2017  Final Comment (2) 24/03/2017	1) A Palaeontological desktop study must be completed as significant fossils may in fact occur around water courses or within the Quaternary deposits. Additionally, the location of the proposed development must be mapped correctly on the GIS Layer of the SAHRIS application before further comments can be issued.  2) The SAHRA Archaeology, Palaeontology and Meteorites (APM) unit accepts the recommendations provided in the Heritage Impact Assessment (HIA) and the Palaeontological Desktop Study. The recommendations provided in the specialist reports and the following conditions must be included in the EMPr for the project: <ul style="list-style-type: none"> <li>A bufferzone no-go area of 30 m must be maintained around</li> </ul>	1) The completed Palaeontological desktop study report and the location of the new proposed developments were uploaded onto SAHRIS.  2) Noted. This matter will be attended to during the EIA Phase.	To be finalized during the EIA Phase

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				<p>the burial grounds. A site specific Heritage Management Plan (HMP) must be developed and implemented for the burial grounds. The HMP must be submitted to SAHRA for comment and approval prior to construction. The HMP must include visitor access protocols and a monitoring programme for the graves;</p> <ul style="list-style-type: none"> <li>• A Fossil Finds Procedure must be developed and implemented as part of the EMPr;</li> <li>• The draft and Final EIA, EMPr and all appendices must be submitted to SAHRA upon their submission to the competent authority for decision making; and</li> <li>• If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/John Gribble 021 462 5402) must be alerted. If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Mimi Seetelo 012 320 8490), must be alerted</li> </ul>		

Name of Individual	Community / Company	Consulted	Date of Comments Received	Issue / Concern Raised	Response from EAP	Consultation Status (e.g. Consensus, Dispute, Not Finalised etc.)
				<p>immediately. A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to a permit issued by SAHRA.</p>		

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**APPENDIX 2(A)**

**C.V.'S OF JMA PROJECT TEAM**

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# JASPER MÜLLER (Pr. Sci. Nat.)



## Geohydrologist/EAP

**Position:** Managing Director

**Founded JMA:** 1988

### Qualifications:

M. Sc. (Cum Laude) Geohydrology, University of the Free State, 1984

B. Sc. (Hons) Geohydrology, University of the Free State, 1980

B. Sc.: Geology and Geohydrology, University of the Free State, 1979



### Career:

- **1988:** Founded JMA Consulting (Pty) Ltd.
- **1987:** Divisional Head, Geohydrology, Environmental Science Services
- **1983:** Researcher with Institute for Ground Water Studies, UOFS.
- **1981:** Hydrologist with Dept. of Water Affairs.

### Key Experience:

Since 1988 Jasper Müller was involved on a consulting level on more than 200 JMA projects related to Water Supply, Aquifer Management, Groundwater Quality investigations, Groundwater Monitoring, Groundwater Impact and Risk Modelling, Groundwater Pollution Remediation, EIA and EMPr applications, Integrated Water Use License applications, Waste License applications and Litigation consultative work.

### Professional Associations:



### Contact Details:

Phone: +27 13 665 1788

Mobile: +27 82 495 0169

E-mail: [jasper@jmaconsult.co.za](mailto:jasper@jmaconsult.co.za)

### Selected Recent Relevant Projects:

- **Glencore Atcom East:** Groundwater Modelling in support of IWULA (2015)
- **Canyon Resources:** Groundwater Specialist Report in support of EIA, EMP and IWULA (2015)
- **Xstrata Alloys Boshoek Operation:** EMPr Amendment Project (2015)
- **Evraz Vametco:** EIA/EMPr Amendment (2015)
- **Samancor Chrome Ferrometals:** Environmental Authorizations (Water Use & Waste License) (2014)
- **Sasol Mining Borrow Pits:** EIA, EMP and IWULA (2013)
- **Sasol Mining Shondoni Mine:** EIA, EMP and IWULA (2011)
- **Xstrata Alloys Wonderkop Operations:** EIA/EMPr Amendment, Water Use License and Waste License (2011)
- **Xstrata Alloys Rustenburg Works:** EIA/ EMP Water Use License and Waste License (2010)

# RENÉ RADEMEYER (Pr. Sci. Nat.)



## Ecologist

**Position:** Scientist

**Joined JMA:** 2012

## Qualifications:

M.Sc. (Cum Laude) Ecology, University of Pretoria, 2009

B.Sc. Hons. Ecology, University of Pretoria, 2006

B.Sc. Ecology, University of Pretoria, 2005



## Career:

- **May 2012 – Present**  
Scientist – Ecologist at JMA Consulting (Pty) Ltd.
- **July 2009 – April 2012**  
Environmental Practitioner at Clean Stream Scientific Services (Pty) Ltd.
- **January 2009 – June 2009**  
Intern at South African National Biodiversity Institute (SANBI)

## Key Experience:

René Rademeyer is responsible for the compilation of Basic Assessment (BA) Reports, Scoping Reports, Environmental Impact Assessment (EIA) Reports, and Environmental Management Programme (EMP) Reports. She compiles Extract Reports in support of Waste Management Licence (WML) Applications and furthermore assists in the development of Integrated Water and Waste Management Plans (IWWMP).

## Professional Associations:



## Contact Details:

Phone: +27 13 665 1788

Mobile: +27 82 556 8287

E-mail: rene@jmaconsult.co.za

## Selected Recent Relevant Projects:

- **Glencore Operations South Africa (Pty) Ltd. Rhovan Mine:** BA Report
- **Bosveld Phosphates (Pty) Ltd. Phalaborwa Operations:** IWWMP
- **Samancor Chrome Ferrometals:** EIA and EMP Report and BA Report
- **Glencore Merafe Venture Operations Boshhoek Smelter:** Scoping Report, EIA and EMP Report and Extract Report for WML Application
- **Glencore Operations South Africa (Pty) Ltd. Rustenburg Works:** Extract Report for WML Application
- **Sasol Mining (Pty) Ltd. Borrow Pits:** Scoping Report, EIA and EMP Report
- **Lusthof Colliery:** Scoping Report, EIA and EMP Report
- **EVRAZ Vametco:** Scoping Report, EIA and EMP Report and IWWMP

## **APPENDIX 6.1(A)**

### **INTERESTED AND AFFECTED PARTIES DATABASE**

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NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
<b>NEIGHBORING LAND OWNERS – DE KROON FARM</b>					
G Barnard	Land Owner- De Kroon	P O Box 136, Brits,0250	012 250 2454		
K Barnard	Land Owner- De Kroon	Larch Avenue 130, Lynnwood Manor, 0081	012 804 0963 083 459 5536	012 804 0963	<a href="mailto:jagbarnard@mweb.co.za">jagbarnard@mweb.co.za</a>
J M Barnard and T Barnard	Land Owner- De Kroon	Plot 173 De Kroon	072 590 2341		
Tinus Viljoen	Land Owner- De Kroon	Plot 111 De Kroon	072 229 1977		<a href="mailto:Mj.viljoen@gmail.com">Mj.viljoen@gmail.com</a>
P A von Wielligh	De Kroon Boere Vereniging	P O Box 535, Brits, 0250	012 250 2390	012 250 2392	<a href="mailto:oprig@mweb.co.za">oprig@mweb.co.za</a>
AJ von Wielligh	Land Owner- De Kroon	Plat 3 De Kroon	082 554 4584		<a href="mailto:atvonweilligh@mweb.co.za">atvonweilligh@mweb.co.za</a>
Hannelie Hasson	Eastplats Crocodile River Mine (Environmental Scientist)	Various Portions of De Kroon Farm	012 381 1800 ext 441	012 258 0087	<a href="mailto:hhanson@eastplats.co.za">hhanson@eastplats.co.za</a>
Lukas Berrange	Eastplats Crocodile River Mine	Various Portions of De Kroon Farm	012 381 1840 082 301 7260		<a href="mailto:lberrange@eastplats.co.za">lberrange@eastplats.co.za</a>
Andries Swanepoel	Hartbeespoort Irrigation Canal	Plot 46 De Kroon	072 337 9110		<a href="mailto:atvwadmin@mweb.co.za">atvwadmin@mweb.co.za</a>
MJ Redelinghuys	Land Owner – De Kroon	Plot 112 De Kroon	082 492 5073		<a href="mailto:thysr@mccgroup.co.za">thysr@mccgroup.co.za</a>
Johan van Wyk	Land Owner – De Kroon	Plot 157 De Kroon	082 494 0750		<a href="mailto:jjbrahmane@gmail.com">jjbrahmane@gmail.com</a>

NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
Johan van der Walt	Land Owner – De Kroon	Plot 225 De Kroon	082 892 3106		<a href="mailto:ccpta@mweb.co.za">ccpta@mweb.co.za</a>
Leentjie Muller	Land Owner – De Kroon	Plot 225 De Kroon	084 895 5016		<a href="mailto:leentjie@mobileemial.vodafonesa.co.za">leentjie@mobileemial.vodafonesa.co.za</a>
Verryne Bezuidenhout	Land Owner – De Kroon	Plot 192 De Kroon	071 840 0720		<a href="mailto:bezht@vodamail.co.za">bezht@vodamail.co.za</a>
Thea Terblanche	Land Owner – De Kroon	Plot 58 De Kroon	082 923 4448		<a href="mailto:thea.terblanche@vodamail.co.za">thea.terblanche@vodamail.co.za</a>
Johan Terblanche	Land Owner – De Kroon	Plot 58 De Kroon	079 523 5094		<a href="mailto:johan.terblanche@vodamail.co.za">johan.terblanche@vodamail.co.za</a>
Sone Terblanche	Land Owner – De Kroon	Plot 58 De Kroon	076 090 7932		<a href="mailto:sone.terblanche95@gmail.com">sone.terblanche95@gmail.com</a>
Linda van Vuuren	Land Owner – De Kroon	Plot 128 De Kroon	082 954 1962		<a href="mailto:Ljsmit3@gmail.com">Ljsmit3@gmail.com</a>
Jeandre Engelbrecht	Land Owner – De Kroon		073 347 8033		<a href="mailto:jeandre.farrier@gmail.com">jeandre.farrier@gmail.com</a>
Peter (Gravmax)	Gravmax SA	Land Owner – De Kroon			<a href="mailto:peter@gravmaxsa.com">peter@gravmaxsa.com</a>
Rhode Lategan	Land Owner – De Kroon	Plot 68 De Kroon	072 460 9877 082 378 9922		<a href="mailto:rhodelategan@gmail.com">rhodelategan@gmail.com</a>
Deon Lategan	Various Plots (234,134,97,147,305,309,44,45) De Kroon	Lojarni Lategan Bel. Edms	082 782 5525		<a href="mailto:lojanriboerdery@gmail.com">lojanriboerdery@gmail.com</a>
Henri Lategan	Land Owner- De Kroon		082 378 9922		<a href="mailto:henrilategan@gmail.com">henrilategan@gmail.com</a>
Colin Bridger	Land Owner – De Kroon		084 209 3770		<a href="mailto:Colinbridger414@yahoo.co.uk">Colinbridger414@yahoo.co.uk</a>

NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
<b>NEIGHBORING LAND OWNERS – BOKFONTEIN FARM</b>					
Dries Barnard	Land Owner- Bokfontein				<a href="mailto:Dries@delta.co.za">Dries@delta.co.za</a>
Gert Jv Rensburg (Snr)	Land Owner- Bokfontein				<a href="mailto:gert@langplaas.co.za">gert@langplaas.co.za</a>
Estelle du Plessis	Land Owner- Bokfontein	Miracle Waters	076 876 0667		<a href="mailto:miraclegwaters04@gmail.com">miraclegwaters04@gmail.com</a>
			081 753 8759		
Cobus van der Walt	Land Owner- Bokfontein	Miracle Waters	082 062 1717		<a href="mailto:miraclegwaters04@gmail.com">miraclegwaters04@gmail.com</a>
<b>INTERESTED PARTIES</b>					
Morne Burger	Geo Pollution Technologies		082 821 3147		<a href="mailto:Morne@gptglobal.com">Morne@gptglobal.com</a>
Jan Potgieter	Environgaka		082 857 1743		<a href="mailto:jan.potgieter@environgaka.co.za">jan.potgieter@environgaka.co.za</a>
P. Claassen	Izinyoni	P O. Box 4732, Rustenburg, 0300	012 250 3377/8	012 250 3118	
C de Bruyn	North West Ecoforum		082 823 3815		<a href="mailto:iti31424@mweb.co.za">iti31424@mweb.co.za</a>
D. Nolte	Brits Sakekamer (Chairman)		012 252 6137		<a href="mailto:jsgproj@gmail.com">jsgproj@gmail.com</a> ; <a href="mailto:lienolte@gmail.com">lienolte@gmail.com</a>
			082 556 3235		
Irrigation Canal (Kobus)	Hartbeespoort Irrigation Canal		072 337 9110		
Deon Lemmer	Director Manserve		083 535 8669		<a href="mailto:manserve@ecsir.co.za">manserve@ecsir.co.za</a>

NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
Mariane van der Merwe	H van der Merwe Grondverskuiwing		083 304 5796		<a href="mailto:mariane@hgrondwerke.co.za">mariane@hgrondwerke.co.za</a>
Andrew Hall	Ana Agricultural Holdings		082 652 2148		<a href="mailto:andrew@hallmachines.co.za">andrew@hallmachines.co.za</a>
Michael Schwartz	Suntropica Farms	De Kroon Farm	071 880 9021		<a href="mailto:michaels@mtnloaded.co.za">michaels@mtnloaded.co.za</a>
<b>REGULATORY AUTHORITIES</b>					
Thabakgolo Bopape	Department of Water and Sanitation		012 253 1026	012 253 2761	<a href="mailto:bopapet@dws.gov.za">bopapet@dws.gov.za</a>
			083 854 1937		
Lethabo Ramashala	Department of Water and Sanitation		012 253 1026	012 253 2761	<a href="mailto:ramashalal@dws.gov.za">ramashalal@dws.gov.za</a>
			082 908 3177		
Thapelo Mathekga	Bojanala Platinum District Municipality – Health and Environmental Services	PO Box 1993 Rustenburg 300	014 523 5083		<a href="mailto:thapelom@bojanala.gov.za">thapelom@bojanala.gov.za</a>
			083 496 8724		
Amanda Bubu	Bojanala Platinum District Municipality – Health and Environmental Services	PO Box 1993 Rustenburg 300	014 523 5083		<a href="mailto:abubu@bojanala.gov.za">abubu@bojanala.gov.za</a>
M. Mohlalisi	NW DACE	P O Box 24, Rustenburg, 0300	014 597 3597	014 592 3553	<a href="mailto:mmohlalisi@nwpg.gov.za">mmohlalisi@nwpg.gov.za</a>
J Wallis	Department of Agriculture	P O Box 338, Brits, 0250	012 252 3991	122 523 993	<a href="mailto:jwallis@nwpg.gov.za">jwallis@nwpg.gov.za</a>
			084 511 2138		
Matome Manaka	Madibeng Local Municipality		012 318 9276	012 318 9456	<a href="mailto:matumemanaka@madibeng.gov.za">matumemanaka@madibeng.gov.za</a>
			012 318 9569 (Eva)		

NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
Thapelo Ngwato	Madibeng Local Municipality		012 318 9299		<a href="mailto:thapelongwato@madibeng.gov.za">thapelongwato@madibeng.gov.za</a>
			079 964 4720		
KN Kepodisa	SAPS	Brits SAPS	082 416 3033		
RS Ramavhale	Madibeng Traffic Department	Madibeng Municipality	072 386 4792		<a href="mailto:Sramavha625@gmail.com">Sramavha625@gmail.com</a>
Chris Tshisevhe	Department of Mineral Resources	Private Bag A1 Klerksdorp 2570	018 487 9830	018 487 9852	<a href="mailto:Chris.tshisevhe@dmr.gov.za">Chris.tshisevhe@dmr.gov.za</a>
			071 475 8362		
Phumudzo Nethwadzi	Department of Mineral Resources	Private Bag A1 Klerksdorp 2570	018 487 9830	018 487 9830	<a href="mailto:Phumudzo.nethwadzi@dmr.gov.za">Phumudzo.nethwadzi@dmr.gov.za</a>
<b>COMMUNITY LEADERS</b>					
Cllr Tsheko Bogale	Mmakau			071 781 0104	<a href="mailto:Tshekobogale79@gmail.com">Tshekobogale79@gmail.com</a>
Steven Mokgoko				072 108 8853	<a href="mailto:stevenmokgoko@gmail.com">stevenmokgoko@gmail.com</a>
Louis Hlongwane				082 094 9034	<a href="mailto:lolomankg@gmail.com">lolomankg@gmail.com</a>
Steve Isaac Matjila	Damonsville			072 590 6170	<a href="mailto:Isaac.Matjila71@gmail.com">Isaac.Matjila71@gmail.com</a>
Christopher Modikoe				076 938 4605	
Rodney Tshelane				082 353 9540	<a href="mailto:rodneytshelane@gmail.com">rodneytshelane@gmail.com</a>
Sophy Segale	De Kroon			082 697 1211	<a href="mailto:Sophysegale01@gmail.com">Sophysegale01@gmail.com</a>
Ronny Masilo				076 671 1088	<a href="mailto:RonnyMasilo@gmail.com">RonnyMasilo@gmail.com</a>
Tshepo	Oukasie			074 720 7686	<a href="mailto:Tsipo16@gmail.com">Tsipo16@gmail.com</a>
John Malatsi				063 055 7930	-
Patrick Matsemela				076 243 1525	<a href="mailto:Patrick.Matsemela@gmail.com">Patrick.Matsemela@gmail.com</a>
Thabo Sigaza				083 395 3312	<a href="mailto:Sigazathabo@gmail.com">Sigazathabo@gmail.com</a>



NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
Thabo Mokwena	Bokfontein			072 530 5820	<a href="mailto:Mokwenatops@yahoo.com">Mokwenatops@yahoo.com</a>
Patrick Ledikwa				072 234 0304	<a href="mailto:Patrickledikwa@yahoo.com">Patrickledikwa@yahoo.com</a>
Jacob Kobe				072 939 5639	<a href="mailto:Kobej72@yahoo.com">Kobej72@yahoo.com</a>
Levy Ramatlhape	Majakaneng			063 114 5279	<a href="mailto:Majakaneng.unemployment@gmail.com">Majakaneng.unemployment@gmail.com</a>
Solomon Moeketsi				073 884 5132	<a href="mailto:Majakaneng.unemployment@gmail.com">Majakaneng.unemployment@gmail.com</a>
Solly Lehotso				076 718 0817	<a href="mailto:Majakaneng.unemployment@gmail.com">Majakaneng.unemployment@gmail.com</a>
Cllr Diale	Lethlabile			078 398 7908	<a href="mailto:stinadiale@gmail.com">stinadiale@gmail.com</a>
Robert Ngwenya	Maboloka			071 563 6971	<a href="mailto:Robert2008455@gmail.com">Robert2008455@gmail.com</a>
Fikile Bojozi				062 343 5498	<a href="mailto:fikzen@webmail.co.za">fikzen@webmail.co.za</a>
Barry Mokone				076 748 6093	<a href="mailto:Barrymokone@gmail.com">Barrymokone@gmail.com</a>
Ofentse Molekwa	Bapo ba Mogale			079 556 0465	<a href="mailto:infoyabopobmi@gmail.com">infoyabopobmi@gmail.com</a>
Noah Mkhabela	Sunway Township			082 575 0481	-
Kgomotso Lefosa				078 173 6774	<a href="mailto:kgomotsolefosa@gmail.com">kgomotsolefosa@gmail.com</a>
Tshdiso Maila	Motholung			076 692 0591	<a href="mailto:tktshidiso@gmail.com">tktshidiso@gmail.com</a>
Cllr Shoes				076 777 7083	-
<b>OTHER</b>					
Comfort Dambula	Katlego Tswelopele Trading			071 962 2415	<a href="mailto:cdambula@gmail.com">cdambula@gmail.com</a>
Aubrey O. Mpangane	Bojanala Communal Property Institutions District Forum				<a href="mailto:matebeleng@gmail.com">matebeleng@gmail.com</a>
Nicolaas L. Fourie	Hartbeespoort Irrigation Board	PO Box 1049	071 354 6822	082 332 3223	<a href="mailto:nick@hbpib.co.za">nick@hbpib.co.za</a>

NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
Matholo Phineas Motsepe	Bakgatla Ba Moiletswane	PO Box 911-3578	082 756 6737		<a href="mailto:Phineas0468@gmail.com">Phineas0468@gmail.com</a>
Constance M Mogafusi	SANCO	159 Stralizia	071 082 0941		
Zuko Clinton Sombidla	Bethanie Community	PO Box 3591 Seralong Township 0300	071 752 8729		
Aaron Masolle Ciedras	De Kroon Community	F29 De Kroon Brits 0250	064 075 2325		
Lesego Sharon Segale		F225 De Kroon Brits 0250	082 721 5193		<a href="mailto:Lesego.segale93@gmail.com">Lesego.segale93@gmail.com</a>
Innocentia Magwaca		F299 De Kroon Brits 0250	063 478 7851		
Fikile Khoza	SANCO	937 Ext 2 Damonsville 0250	076 733 7601		<a href="mailto:maboponana@gmail.com">maboponana@gmail.com</a>
Elias Ntjanyana		753 Ext 2 Damonsville 0250	079 180 6276		
Shebogi	BRM		071 234 2262		<a href="mailto:nkrm@gmail.com">nkrm@gmail.com</a>
James Wallis	Department of Agriculture	Private Bag X 5095 Brits 0250	084 511 7138	012 252 3993	<a href="mailto:jwallis@nwpg.gov.za">jwallis@nwpg.gov.za</a>
Jospehine Rakueta	Damonsville Unemployment	722 Ext 2 Damonsville 0250	064 049 0915		
Relebogile Senertle	Damonsville Unemployment	186 Jasmyn Damonsville 0250	072 950 1823		<a href="mailto:reload@gmail.com">reload@gmail.com</a>
Mpho	De Kroon Community	F226 De Kroon 0250	082 040 2393		
Thabisa	De Kroon Community	F147 De Kroon 0250	078 799 0481		
Tsholo	Damonsville Community	745 Ext 2 Damonsville 0250	071 122 4424		
Aaron	Damonsville Community	41 Jasmyn Damonsville 0250	073 952 1161		
Peter	Ward Committee	592 Mothotlung	082 676 8250		

NAME	ORGANISATION / INTEREST	ADDRESS	TEL NUMBER	FAX NUMBER	E-MAIL
Michael		3643 Ext 2 Damonville 0250	072 124 5582		
Roman	Ward Committee	3579 Ext 2 Damonville 0250	071 714 2825		
Elmarie Swarts	Gravmax	Postnet Suite 293 Pbag 0001 Lfafi	012 252 2154	012 252 4550	<a href="mailto:peter@gravmaxsa.com">peter@gravmaxsa.com</a> / <a href="mailto:elmarie@gravmaxsa.com">elmarie@gravmaxsa.com</a>
Mothapelo Masilo	Bakgatla Ba Moiletswane	House No 60008 Tsarane Section Mmakau	082 756 6737		<a href="mailto:thapimasilo@gmail.com">thapimasilo@gmail.com</a>
Coenraad	Damonville Unemployment		084 836 4686		

**APPENDIX 6.2(A)**

**MINUTES OF PRE-APPLICATION DISCUSSION WITH DMR &  
DWS**

DRAFT



**02 November 2016**

**DEPARTMENT OF MINERAL RESOURCES**  
North West Region  
KLERKSDORP  
2571

**ATTENTION: CHRIS TSHISEVHE**  
**PHUMUDZO NETHWADZI**

## **HERNIC FERROCHROME (PTY) LTD – ENVIRONMENTAL MASTER PLAN**

Our meeting held on 01 November 2016 at the North West Regional Office (Klerksdorp) of the Department of Mineral Resources (DMR) has reference. Hernic currently operates under an approved EMPR (NW 30/5/1/2/3/2/1/(308) EM & NW 30/5/1/2/3/2/1/(396) EM), which was amended as recently as 2016.

Hernic initiated a Project called the “Environmental Master Plan” and this project, including the proposed way forward was discussed at the above mentioned meeting.

The meeting attendance register is attached in Appendix I.

### **1. PROJECT OBJECTIVE**

Hernic appointed JMA Consulting (Pty) Ltd (JMA) to revise/upgrade and consolidate the Environmental Management Plans (EMP) for the Morula Mining and Ferrochrome Smelter Operations. Several studies and projects have been undertaken in support of EMP amendments in the past. These studies were conducted on a project basis supporting the project and EMP addendums at the time. Several Environmental Legal changes were made since 2014 which require additional authorizations, based on the activities planned and undertaken by Hernic.

JMA proposed a holistic, integrated process to develop an “Environmental Master Plan” that will address the knowledge gaps and assist in formal authorisation processes for future projects. This will enable the Hernic Ferrochrome Operation to manage the environment in a sustainable, integrated and cost effective manner.

The project objective is to provide an overall management plan to address all aspects of the various environmental disciplines in an integrated cost effective and environmentally sound and sustainable manner over the long term.

In light of the above JMA was requested to draft a communication document detailing the Environmental Master Plan Project which includes management plans in support of the further additions /expansions /upgrades of certain activities of Hernic’s Operations and for which Environmental Authorisations (EA) are required (primarily an EMPR Amendment in terms of

the MPRDA, but also a Waste Licence in terms of NEMWA, Water Use Licence in terms of NWA, EIA Authorizations in terms of NEMA for listed activities and lastly an amendment to their AEL in terms of the NEMAQA.

## **2. HERNIC OPERATIONS BACKGROUND**

Hernic has been in operation since 1996. The Operations, which expanded over the years, comprise of both mining (initially opencast and then later underground mining methods), ore beneficiation to yield feedstock chromite concentrate and lumpy ore, followed by pelletizing and sintering of the fine ore and finally Ferrochrome Smelting in four closed Furnaces, with an annual production capacity of 420 000 tonnes of ferrochrome. Metal extraction operations from recovering metal chrome from slag are also active on the site.

As the site expanded and was upgraded since 1996, Hernic has applied for, and obtained EA's as and when required. It currently operates under an approved EMPR, which was amended as recently as 2016 and also holds a Water Use Licence (issued December 2015), an Atmospheric Emission Licence (approved February 2013), as well as relevant EIA Authorizations.

## **3. HERNIC OPERATIONS**

A high resolution aerial photograph was commissioned during 2015 and was used to support a full site description and activity inventory for the Hernic operations. The site was divided into **five** separate operational areas based on the different activities occurring on the site, namely the Alloys Smelting Plant, the TSF Facility, the Office Complex and CRP Plant, the Morula Mining Opencast Operation and the Morula Mining Shaft Complex. Refer to Figure 3(a) for the five operational areas and to Figure 3(b) for the location of the different activities occurring on site, i.e. site inventory.

The map depicted in Figure 3(a) and Figure 3(b) focusses on the Hernic surface located activities which are restricted to the Farm De Kroon 444 JQ, and which covers a total surface area of approximately 386.45 ha.

The Hernic mining right extends onto the neighbouring Farm Elandsfontein 440 JQ as well, but at present no surface activities occur on this property. Historically both opencast mining as well as underground mining occurred on Elandsfontein. Whereas the opencast mining has been completed and is currently in a state of partial rehabilitation, underground mining of the MG-1 and MG-2 seams will continue on this property. The underground workings are currently under care and maintenance.

The overall operations at Hernic comprise:

- mining of the Middle Group Chromite Seams (MG-1, MG-2) (Opencast and underground);
- the sourcing of other ore minerals from Hernic's Bokone Mine or neighbouring mines (MG-0, MG-1, MG-2, LG-6 and UG-2 ore);
- the procurement of other raw materials (such as dolomite, limestone, quartzite, anthracite, coke);
- the beneficiation and concentration of ore (crushing, screening, spiralling and dense medium separation (DMS)) in an Ore Beneficiation Plant;
- the pelletizing and sintering of the concentrate ore at two Pelletizing Plants;
- the blending of lumpy ore, pellets and other raw materials in two Proportioning Plants;
- the smelting of these feed materials in four Closed Submerged Arc Furnaces;
- the separation of Ferrochrome and Slag during tapping at the Furnaces;
- the breaking of the Ferrochrome after smelting;

- the recovery of Ferrochrome from Slag at the Chrome Recovery Plant;
- the recovery of fine Ferrochrome at the Fine Slag Recovery Plant;
- the recovery of PGM minerals from OB Plant Slimes at the proposed PGM Plant;
- the final preparation of the product for dispatch to the markets at the Finished Product Area;
- the manufacturing of sand from slag and waste rocks at the fine Slag Recovery Plant;
- the manufacturing of aggregate from slag and waste rocks at the Aggregate Plants.

In addition to these production-related activities, ancillary operations relating to environmental management also occur:

- Atmospheric Emissions Control
- Water Management
- Waste Management

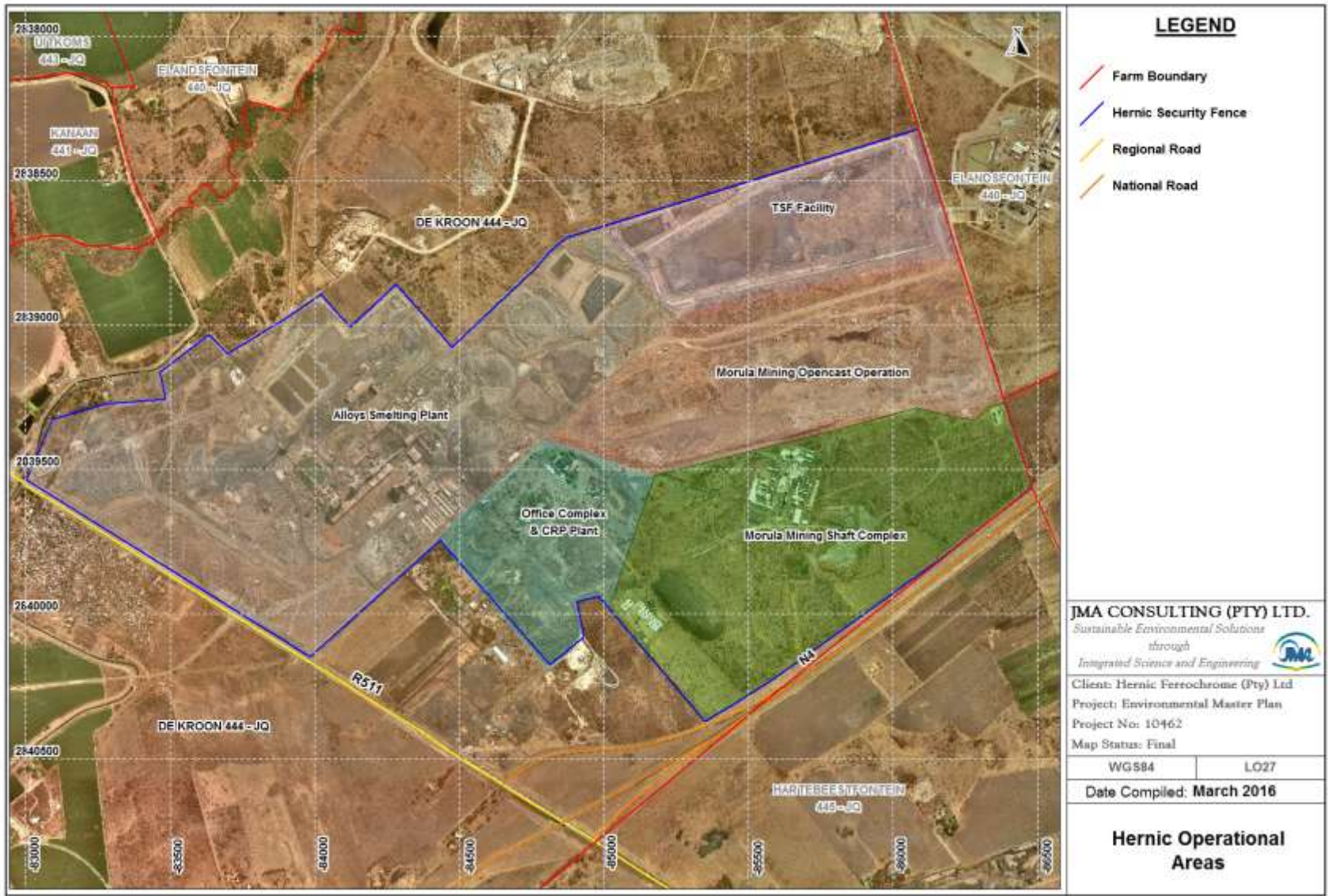


Figure 3(a): Operational Areas of Herculite on the Farm De Kroon 444 JQ



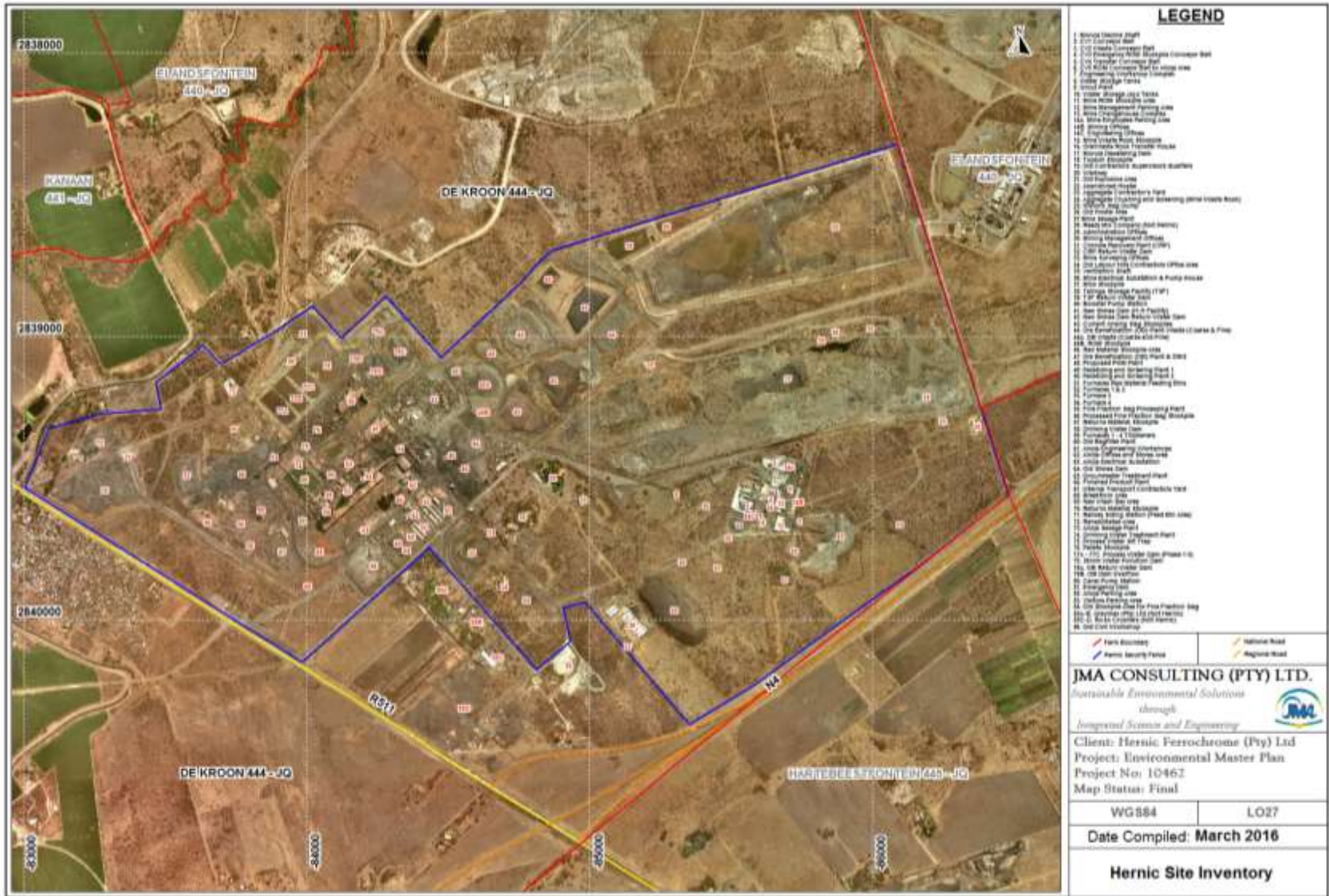


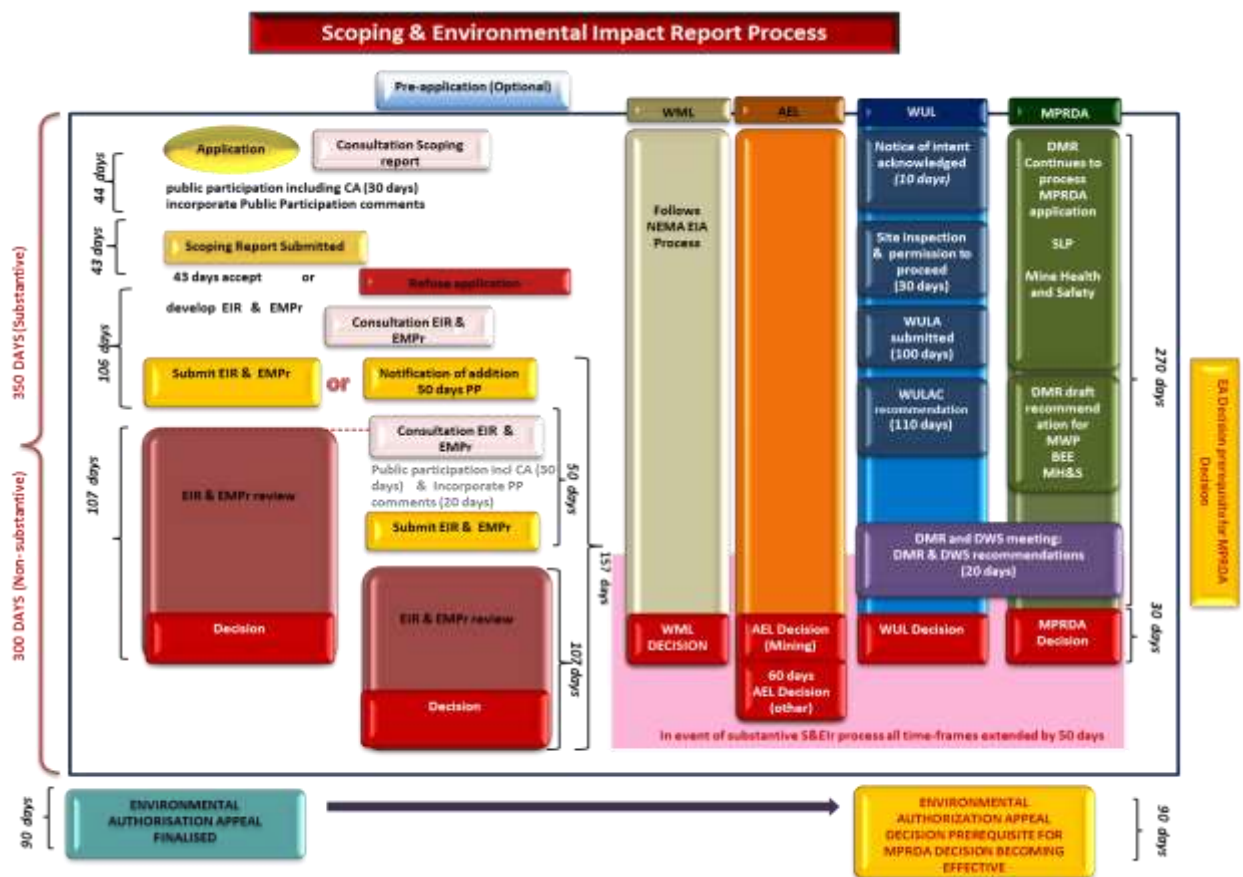
Figure 3(b): Site Infrastructure and Activities (Site Inventory) at Herculite on the Farm De Kroon 444 JQ

#### 4. ENVIRONMENTAL MASTER PLAN PROJECT

Our approach requires a quantitative approach to assess the site specific conditions subject to the **SOURCE-PATHWAY-RECEPTOR** environmental hierarchy. This requires that all site assessments must be completed before the formal application process can be initiated. With this approach in mind, JMA is of the opinion that this project can support all current and future authorizations process and that this project can assist to upgrade the environmental management to give compliance with current formal and material requirements as contained in legislation and governmental guidance.

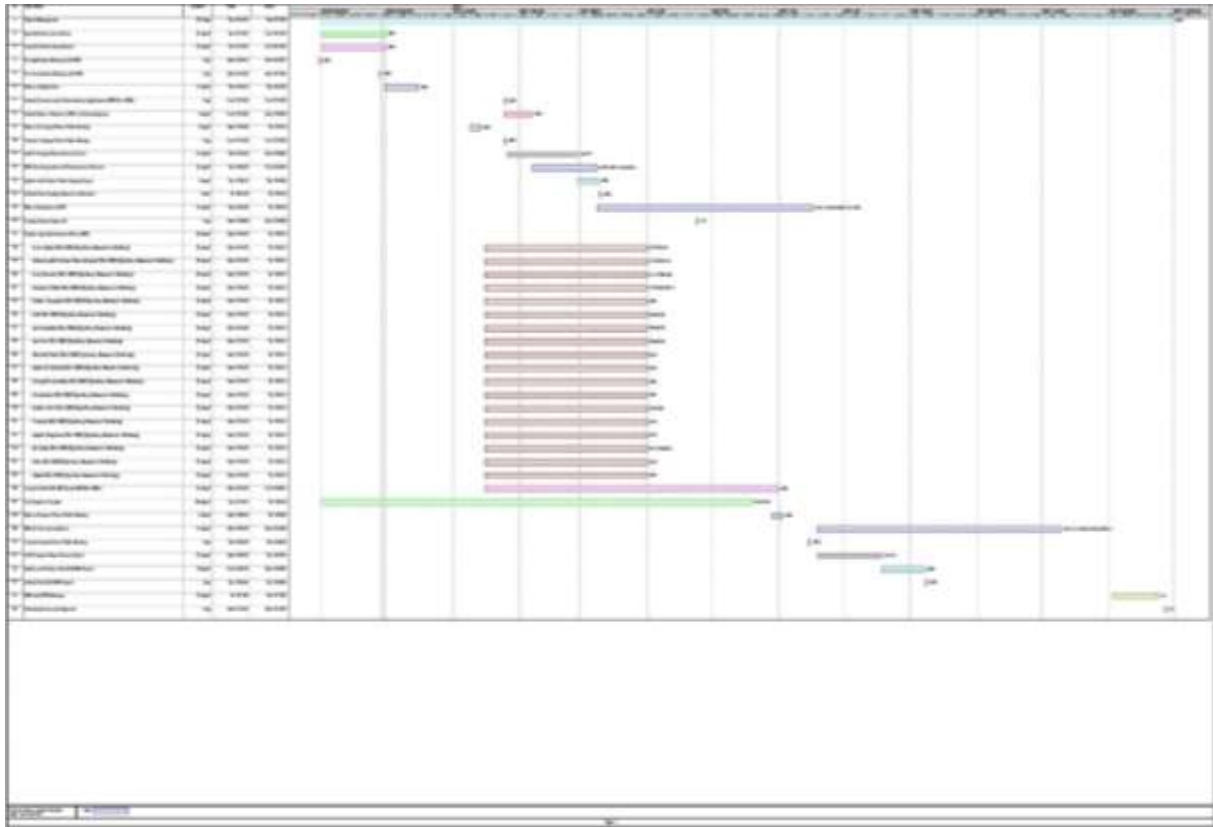
##### 4.1 ENVIRONMENTAL MASTER PLAN PROPOSED TIMELINE

The following project flow diagram indicates how the overall project can be aligned and integrated. The critical part of the process is the Specialist work that normally takes about 6-8 months depending on the assessments included in the project. This forms the information baseline and current description of the environmental situation at the Operation.



**Figure 4.1(a): Synchronize the process for the issuing of permits, licences and authorizations within a 300 days period**

The EIA process will be the main process and all the other process is aligned to fit in the process of the EIA as indicated. The project has reached the application phase which is scheduled to be initiated during January 2017. The following represent the detail way forward for the formal application process and details the timeframe when the DMR will be engaged.



**Figure 4.1(b): 2017 EMP Project Timeline for the issuing of permits, licences and authorizations**

In terms of the detailed project timeline the following summarizes the timeframes for the EA Application process:

- Submit EA Application in terms of the MPRDA, NEMA and NEMWA to DMR – 26 January 2017
- Submit Draft Scoping Report to I&AP's and Relevant Authorities for 30 day review period – 26/27 January 2017
- Scoping Phase Public Meeting – 27 January 2017
- I&AP's and Relevant Authority review period concludes – 28 February 2017
- Submit Final Scoping Report to DMR (44 days after Application was received by DMR) – 13 March 2017
- DMR to Review/Accept Scoping Report (43 days after report was submitted) – 02 May 2017
- Draft EIA and EMP Report submitted to DMR – 13 June 2017
- Environmental Impact Phase Public Meeting – 14 June 2017
- Submit Draft EIA and EMP Reports to I&AP's and Relevant Authorities for 30 day review period – 15 June 2017
- I&AP's and Relevant Authority review period concludes – 18 July 2017
- Submit Final EIA and EMP Report to DMR (106 days after Scoping Report was accepted by DMR) – 18 August 2017
- DMR to Review/Accept EIA and EMP Reports (107 days after reports were submitted) – 04 December 2017

To date the Environmental Baseline has been completed and several conceptual management plans have been compiled and undergoing feasibility assessments which will result in the formal applications to be submitted to the various competent authorities.

The Specialist Reports address the current and future environmental management according to the following:

- A description of the current environmental situation.
- A description of the current and future environmental impacts and risks.
- Identify management objectives.
- Proposed measures for mitigation and management.
- Proposed environmental monitoring actions.
- Detailed Public Participation throughout the development of the EIA / EMP amendment.

All the assessments make provision for the various project life cycles at HERNIC Operations. The specialist studies are integrated into one management plan that consists of four management pillars;

- Waste Management;
- Water Management;
- Air Management and;
- Biodiversity and Land Management.

These four management pillars will be the integrated management plan for the site and will be the basis for the formal authorisation documentation that will be submitted to the various Departments inclusive of the new components applicable to the EIA process. The integrated monitoring plan developed during the process will be the management tool to monitor compliance with the plan and to ensure that the set agreed (with authorities and public) objectives are reached through the measures implemented.

## **4.2 ENVIRONMENTAL MASTER PLAN SCOPE OF WORK**

The current Scope of work for the Environmental Master Plan Project comprised of the following:

### **BASELINE REVISION**

All assessments will be reviewed and additional assessments conducted and updated and current Baseline/Specialist Studies compiled for the entire HERNIC Operations. The following is the list of environmental components considered:

- *Materials Process Characterization Assessment;*
- *Meteorology Assessment;*
- *Topography Assessment;*
- *Soil Assessment; Land Capability & Land Use Assessment;*
- *Fauna and Flora Assessment;*
- *Aquatic Ecosystem Assessment (Sensitive Landscapes);*
- *Geology;*
- *Groundwater Assessment;*
- *Surface Water Assessment;*
- *Traffic Assessment;*
- *Air Quality Assessment;*

- *Noise Assessment;*
- *Archaeological / Palaeontology Assessment;*
- *Visual Assessment;*
- *Socio Economic / Cultural Assessment*

## **ENGINEERING DESIGNS**

The Environmental Master Plan Project includes designs for the Storm Water System (it is currently perceived that an additional new Storm Water Dam will be required), the Closure designs for the Old Slimes Dam and Capping of the H:H Facility once the old slimes dam material is finally deposited. This includes the Geotechnical Assessments required for the engineering designs.

## **FORMAL APPLICATION / PUBLIC PARTICIPATION PROCESS**

Based on the baseline revision, management objectives and related management measures, a formal application process will follow which will relate to Water Use Licence Amendment and new Water Use Applications, Waste Management Licence Applications and an EMP Amendment application. This will be supported by an integrated Public Participation Process in support of the various applications.

## **5. SUMMARY**

Hernic Ferrochrome (Pty) Ltd (Hernic) appointed JMA Consulting (Pty) Ltd (“JMA”) for the revision and upgrade of the Environmental Management Plans (EMP) for the Morula Mining and Ferrochrome Smelter Operations (Hernic Operations). Several studies and projects have been undertaken in support of EMP amendments in the past. These studies were conducted on a project basis supporting the project and EMP addendums at the time. Several Environmental Legal changes were made since 2014 which require additional authorizations based on the activities planned and undertaken by Hernic Operations.

JMA proposed a holistic, integrated process to develop an Environmental Master Plan that will address the knowledge gaps and assist in formal authorisation processes for future projects. This to enable Hernic Ferrochrome Operation to manage the environment in a sustainable integrated and cost effective manner.

JMA’s objective for projects is to provide an overall management plan to address all aspects of the various environmental disciplines in an integrated cost effective and environmentally sound and sustainable manner over the long term. The overall Environmental Master Plan currently being developed for Hernic will ultimately aim in implementing an Environmental Management Plan which will address current knowledge gaps and upgrade environmental management at the Hernic Operations.

This project will assist to upgrade the environmental management to give full compliance with current formal and material requirements as contained in legislation and governmental guidance.



It must be emphasized that the abovementioned proposal was presented to the DMR in order to assist Hernic with optimal achievement of environmental-legal compliance in terms of inter alia the MPRDA and NEMA. It is the intention of the project team to assist the DMR and other relevant authorities with the streamlining of processes to ensure optimal utilization of departmental resources and unnecessary duplication of legal authorization processes.

We trust that you will revert to us as soon as possible.

Respectfully submitted



---

Riaan Grobbelaar (Pr.Sci.Nat.)  
/LET8929



# JMA Consulting (Pty) Ltd

15 Vickers Street  
Delmas  
P O Box 883  
Delmas, 2210  
Tel (013) 665 1788  
Fax (013) 665 2364

Sustainable Environmental Solutions through integrated Science and Engineering

## ATTENDANCE REGISTER

PROJECT: Hemic Ferrochrome (Pty) Ltd  
EMP Project - DMR Discussion

VENUE : DMR - KLEKSDORP  
DATE & TIME: 1-11-2016 10:00

Nr	Name	Representing	Postal Address	Fax number	Contact Details	E-mail address	Sign
1	R Grobbelaar	JMA	PO Box 883, Delmas, 2210	013 665 2364	Tel: 013 665 1788 Cell: 082 452 1231	riaan@jmaconsult.co.za	
2	JL Muller	JMA	PO Box 883, Delmas, 2210	013 665 2364	Tel: 013 665 1788 Cell: 082 495 0169	jasper@jmaconsult.co.za	
3	LB Raboriti	Hemic	P.O. Box 4534 Brites, 0250	013 665 2364	Tel: 012 381 1833 Cell: 081 371 9999	lesego.raboriti@hemic.co.za	
4	B Maclell	Hemic	"	"	Tel: 012 381 1234 Cell: 082 444 4116	ethame.maclell@hemic.co.za	
5	P Hekunzi	DMR	"	018 4814 360	Tel: Phumetso, ne fuma-dzi Cell: dmr.gov.za	phumetso@dmr.gov.za	
6	E. Tshiswe	DMR	"	086 710 1017	Tel: 018 4814 360 Cell: 071 475 3362	chris.tshiswe@dmr.gov.za	
7	NC Zulu	Hemic	P.O. Box 4534 Brites, 0250		Tel: 012 381 1361 Cell: 071 360 1895	cecilia.zulu@hemic.co.za	
8					Tel: Cell:		
9					Tel: Cell:		
10					Tel: Cell:		











**29 November 2016**

**DEPARTMENT OF WATER AND SANITATION**

North West Regional Office - Kurperoord  
HARTBEESSPOORT  
0216

**ATTENTION: LETHABO RAMASHALA  
THABAKGOLO BOPAPE**

## **HERNIC FERROCHROME (PTY) LTD – ENVIRONMENTAL MASTER PLAN**

Our meeting held on 28 November 2016 at the North West Regional Office (Kurperoord) of the Department of Water and Sanitation (DWS) has reference. The DWS issued a Water Use Licence (WUL Ref: 03/A21J/ABGJ/4196) to Hernic Ferrochrome (Pty) Ltd (Hernic) on 18 December 2015. This Water Use Licence requires that HERNIC develop a Water and Waste Management Plan. HERNIC initiated a Project called the “Environmental Master Plan” in support of the WUL requirements and the project, including the proposed way forward was presented at the above mentioned meeting.

The meeting attendance register and presentation is attached in Appendix I.

### **1. PROJECT OBJECTIVE**

Hernic appointed JMA Consulting (Pty) Ltd (JMA) to revise and upgrade the Environmental Management Plans (EMP) for the Morula Mining and Ferrochrome Smelter Operations. Several studies and projects have been undertaken in support of EMP amendments in the past. These studies were conducted on a project basis supporting the project and EMP addendums at the time. Several Environmental Legal changes were made since 2014 which require additional authorizations, based on the activities planned and undertaken by HERNIC.

JMA proposed a holistic, integrated process to develop an “Environmental Master Plan” that will address the knowledge gaps and assist in formal authorisation processes for future projects. This will enable the HERNIC Ferrochrome Operation to manage the environment in a sustainable, integrated and cost effective manner.

The project objective is to provide an overall management plan to address all aspects of the various environmental disciplines in an integrated cost effective and environmentally sound and sustainable manner over the long term.

In light of the above JMA was requested to draft a communication document detailing the Environmental Master Plan Project which includes management plans in support of the Water Use Licence conditions issued to HERNIC.

## 2. HERNIC OPERATIONS BACKGROUND

Hernic has been in operation since 1996. The Operations, which expanded over the years, comprise of both mining (initially opencast and then later underground mining methods), ore beneficiation to yield feedstock chromite concentrate and lumpy ore, followed by pelletizing and sintering of the fine ore and finally Ferrochrome Smelting in four closed Furnaces, with an annual production capacity of 420 000 tonnes of ferrochrome. Metal extraction operations from recovering metal chrome from slag are also active on the site.

As the site expanded and was upgraded since 1996, Hernic has applied for, and obtained Environmental Authorizations as and when required. It currently operates under an approved EMPR, which was amended as recently as 2012 and also holds a Water Use Licence (issued December 2015), an Atmospheric Emissions Licence (approved February 2013), as well as relevant EIA Authorizations.

## 3. HERNIC OPERATIONS

A high resolution aerial photograph was commissioned during 2015 and was used to support a full site description and activity inventory for the Hernic operations. The site was divided into **five** separate operational areas based on the different activities occurring on the site, namely the Alloys Smelting Plant, the TSF Facility, the Office Complex and CRP Plant, the Morula Mining Opencast Operation and the Morula Mining Shaft Complex. Refer to Figure 3(a) for the five operational areas and to Figure 3(b) for the location of the different activities occurring on site, i.e. site inventory.

The map depicted in Figure 3(a) and Figure 3(b) focusses on the Hernic surface located activities which are restricted to the Farm De Kroon 444 JQ, and which covers a total surface area of approximately 386.45 ha.

The Hernic mining right extends onto the neighbouring Farm Elandsfontein 440 JQ as well, but at present no surface activities occur on this property. Historically both opencast mining as well as underground mining occurred on Elandsfontein. Whereas the opencast mining has been completed and is currently in a state of partial rehabilitation, underground mining of the MG-1 and MG-2 seams will continue on this property. The underground workings are currently under care and maintenance.

The overall operations at Hernic comprise:

- mining of the Middle Group Chromite Seams (MG-1, MG-2) (Opencast and underground);
- the sourcing of other ore minerals from Hernic's Bokone Mine or neighbouring mines (MG-0, MG-1, MG-2, LG-6 and UG-2 ore);
- the procurement of other raw materials (such as dolomite, limestone, quartzite, anthracite, coke);
- the beneficiation and concentration of ore (crushing, screening, spiralling and dense medium separation (DMS)) in an Ore Beneficiation Plant;
- the pelletizing and sintering of the concentrate ore at two Pelletizing Plants;
- the blending of lumpy ore, pellets and other raw materials in two Proportioning Plants;
- the smelting of these feed materials in four Closed Submerged Arc Furnaces;
- the separation of Ferrochrome and Slag during tapping at the Furnaces;
- the breaking of the Ferrochrome after smelting;
- the recovery of Ferrochrome from Slag at the Chrome Recovery Plant;
- the recovery of fine Ferrochrome at the Fine Slag Recovery Plant;
- the recovery of PGM minerals from OB Plant Slimes at the proposed PGM Plant;

- the final preparation of the product for dispatch to the markets at the Finished Product Area;
- the manufacturing of sand from slag and waste rocks at the fine Slag Recovery Plant;
- the manufacturing of aggregate from slag and waste rocks at the Aggregate Plants.

In addition to these production-related activities, ancillary operations relating to environmental management also occur:

- Atmospheric Emissions Control
- Water Management
- Waste Management

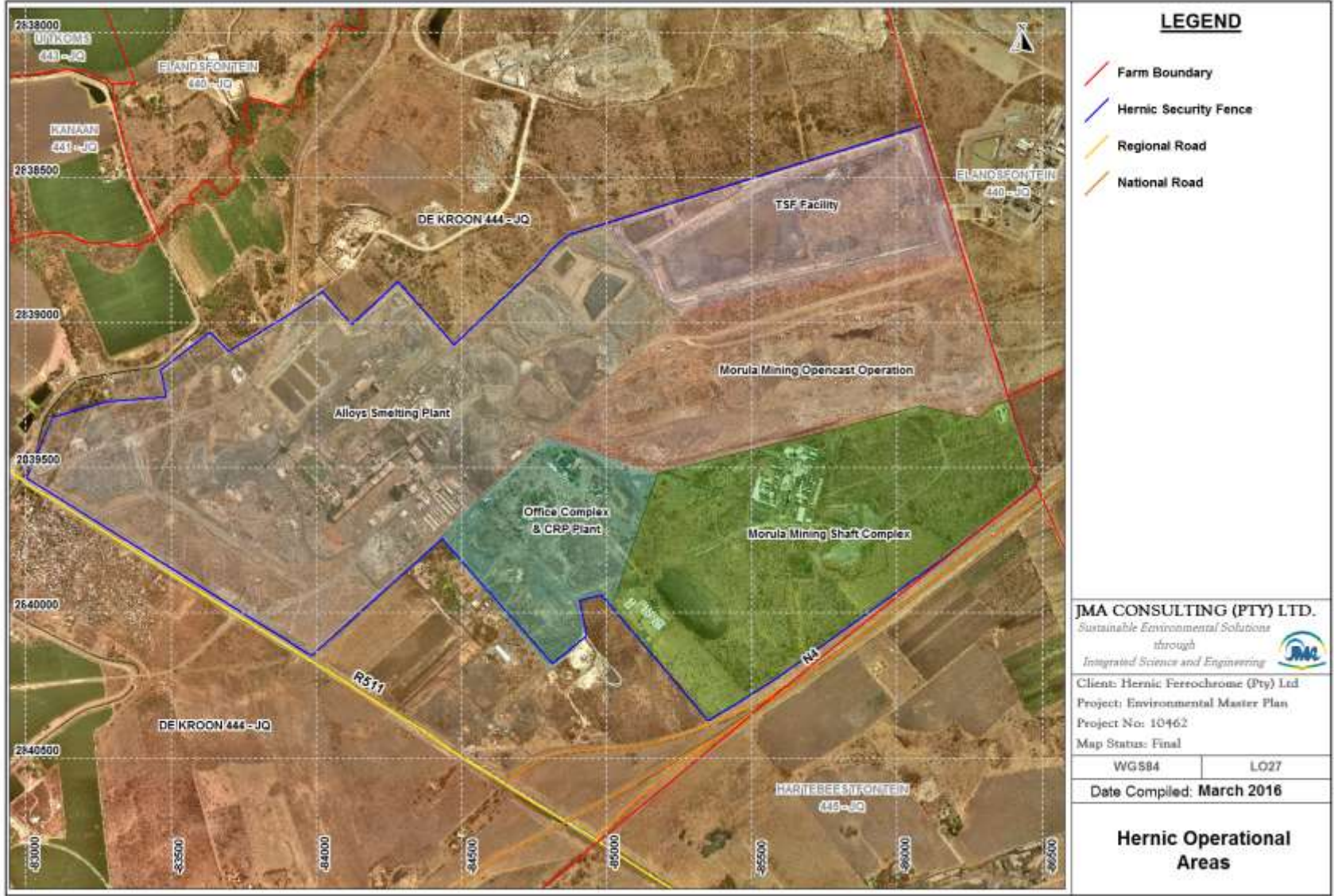


Figure 3(a): Operational Areas of Herculite on the Farm De Kroon 444 JQ

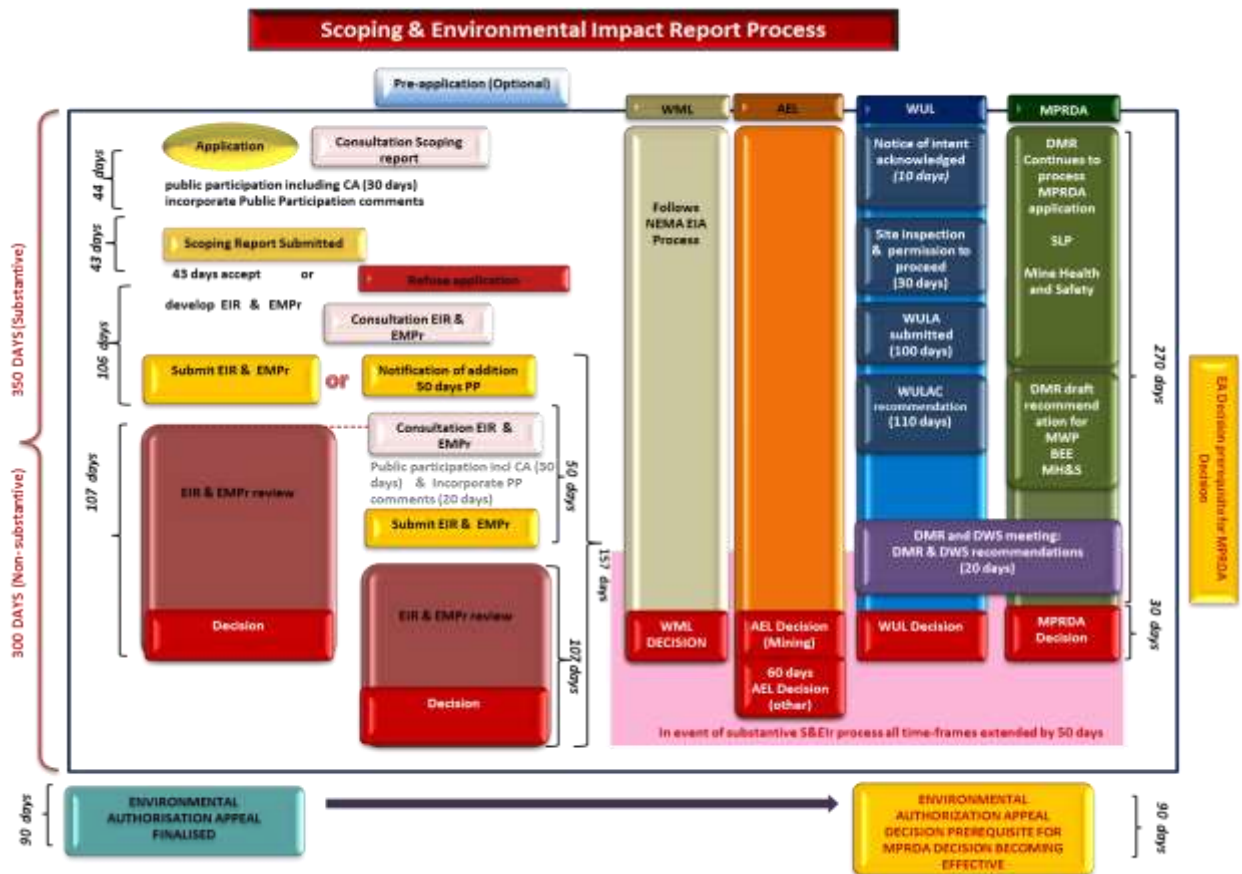


#### 4. ENVIRONMENTAL MASTER PLAN PROJECT

Our approach requires a quantitative approach to assess the site specific conditions subject to the **SOURCE-PATHWAY-RECEPTOR** environmental hierarchy. This requires that all site assessments must be completed before the formal application process can be initiated. With this approach in mind, JMA is of the opinion that this project can support all current and future authorizations process and that this project can assist to upgrade the environmental management to give compliance with current formal and material requirements as contained in legislation and governmental guidance.

##### 4.1 ENVIRONMENTAL MASTER PLAN PROPOSED TIMELINE

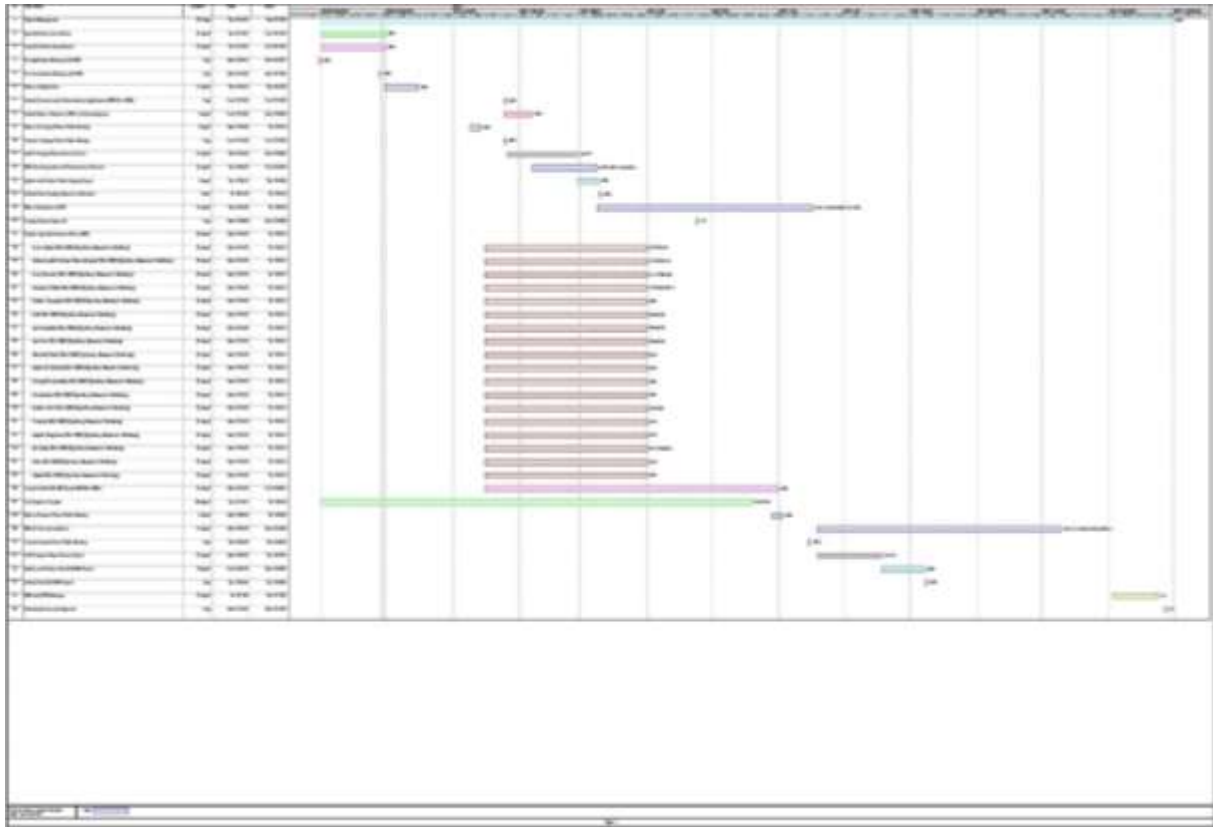
The following project flow diagram indicates how the overall project can be aligned and integrated. The critical part of the process is the Specialist work that normally takes about 6-8 months depending on the assessments included in the project. This forms the information baseline and current description of the environmental situation at the Operation.



**Figure 4.1(a): Synchronize the process for the issuing of permits, licences and authorizations within a 300 days period**

The EIA process will be the main process and all the other process is aligned to fit in the process of the EIA as indicated. The project has reached the application phase which is scheduled to be initiated during January 2017. The following represent the detail way forward for the formal application process and details the timeframe when the DWS will be engaged.





**Figure 4.1(b): 2017 EMP Project Timeline for the issuing of permits, licences and authorizations**

In terms of the detailed project timeline the following summarizing the timeframes for the Water Use Licence Application and Amendment process:

- Submit Notice of intent – (10 days : 25 January 2017 – 6 February 2017)
- DWS to confirm date for Site Visit – (30 days: 7 February 2017 - 8 March 2017)
- Pre-Application Consultation Meeting – (May 2017)
- Submission of Integrated Water Use Licence & Amendment Application – (June 2017)
- Submission of Integrated Water and Waste Management Plan – (June 2017)  
(IWWMP will include the Groundwater Remediation Plan, Water Conservation / Water Demand Management Plan as well as the Rehabilitation Strategy and Implementation Plan)
- DWS to Review Integrated Water Use Licence & Amendment Application)
- DWS to make final decision regarding Application – (to be advised (October 2017))

To date the Environmental Baseline has been completed and several conceptual management plans have been compiled are undergoing feasibility assessments which will result in the formal applications to be submitted to the various competent authorities. In the case of the DWS the Water and Waste Management Plans which relates to the Storm Water Management and optimizing the reuse of dirty water in the system has progress to a conceptual stage. It remains for the Designs and Specialist Reports to be finalized.

The Specialist Reports address the current and future environmental management according to the following:

- A description of the current environmental situation.

- A description of the current and future environmental impacts and risks.
- Identify management objectives;
- Proposed measures for mitigation and management.
- Proposed environmental monitoring actions.
- Detailed Public Participation throughout the development of the EIA / EMP amendment.

All the assessments make provision for the various project life cycles at Hernic Operations. The specialist studies are integrated into one management plan that consists of four management pillars;

- Waste Management;
- Water Management;
- Air Management and;
- Biodiversity and Land Management

These four management pillars will be the integrated management plan for the site and will be the basis for the formal authorisation documentation that will be submitted to the various Departments inclusive of the new components applicable to the EIA process. The integrated monitoring plan developed during the process will be the management tool to monitor compliance with the plan and to ensure that the set agreed (with authorities and public) objectives are reached through the measures implemented.

## 4.2 ENVIRONMENTAL MASTER PLAN SCOPE OF WORK

The current Scope of work for the Environmental Master Plan Project comprised of the following:

### BASELINE REVISION

All assessments will be reviewed and additional assessments conducted and updated and current Baseline/Specialist Studies compiled for the entire Hernic Operations. The following is the list of environmental components considered:

- ***Materials Process Characterization Assessment;***
- ***Meteorology Assessment;***
- ***Topography Assessment;***
- ***Soil Assessment; Land Capability & Land Use Assessment;***
- ***Fauna and Flora Assessment;***
- ***Aquatic Ecosystem Assessment (Sensitive Landscapes);***
- ***Geology;***
- ***Groundwater Assessment;***
- ***Surface Water Assessment;***
- ***Traffic Assessment;***
- ***Air Quality Assessment;***
- ***Noise Assessment;***
- ***Archaeological / Palaeontology Assessment;***
- ***Visual Assessment;***
- ***Socio Economic / Cultural Assessment***

## ENGINEERING DESIGNS

The Environmental Master Plan Project includes designs for the Storm Water System (it is currently perceived that an additional new Storm Water Dam will be required), the Closure designs for the Old Slimes Dam and Capping of the H:H Facility once the old slimes dam material is finally deposited. This includes the Geotechnical Assessments required for the engineering designs.

## FORMAL APPLICATION / PUBLIC PARTICIPATION PROCESS

Based on the baseline revision, management objectives and relates management measures a formal application process will follow which will relate to Water Use Licence Amendment and new Water Use Applications, Waste Management Licence Applications and an EMPr Amendment application. This will be supported by an integrated Public Participation Process in support of the various applications.

With reference to the current Water Use Licence, specific conditions form part of the current Environmental Master Plan Project. These specifically relate to the following conditions:

- a) *Condition 1.7 : Lining of Pollution Control Dams of Appendix IV of Section 21(g) (page 12)*
- b) *Condition 3.6: Nitrate Pollution of Appendix IV of Section 21(g) (page 13)*
- c) *Condition 6( 6.1-6.5): Storm Water Management of Appendix IV of Section 21(g) (page 15)*
- d) *Condition 10 ( 10.1 -10.4): Integrated Water and Waste Management Plan of Appendix IV of Section 21(g) (page 16-17): (IWWMP &RSIP)*
- e) *Condition 11 ( 11.1 -11.4): Water Conservation and Water Demand Management of Appendix IV of Section 21(g) {page 17}*

All the above conditions are being assessed and form part of the overall Environmental Master Plan Project. We kindly request that based on the current project and development of this Integrated Environmental Master Plan that the required IWWMP & RSIP be submitted to the DWS during formal Water Use Application process as presented to the DWS. This will allow for a final IWWMP plan with action plans which will support the amendment and application of the new proposed Storm Water and Waste Management Plans currently being developed.

## 5. SUMMARY

Hernic Ferrochrome (Pty) Ltd (Hernic) appointed JMA Consulting (Pty) Ltd ("JMA") for the revision and upgrade of the Environmental Management Plans (EMP) for the Morula Mining and Ferrochrome Smelter Operations (Hernic Operations). Several studies and projects have been undertaken in support of EMP amendments in the past. These studies were conducted on a project basis supporting the project and EMP addendums at the time. Several Environmental Legal changes were made since 2014 which require additional authorizations based on the activities planned and undertaken by Hernic Operations.

JMA proposed a holistic, integrated process to develop an Environmental Master Plan that will address the knowledge gaps and assist in formal authorisation processes for future projects. This to enable Hernic Ferrochrome Operation to manage the environment in a sustainable integrated and cost effective manner.



JMA's objective for projects is to provide an overall management plan to address all aspects of the various environmental disciplines in an integrated cost effective and environmentally sound and sustainable manner over the long term. The overall Environmental Master Plan currently being developed for Hernic will ultimately aim in implementing an Environmental Management Plan which will address current knowledge gaps and upgrade environmental management at the Hernic Operations.

This project will assist to upgrade the environmental management to give full compliance with current formal and material requirements as contained in legislation and governmental guidance.

With reference to the current Water Use Licence specific conditions forms part of the current Environmental Master Plan Project. These specifically relates to the following conditions:

- *Condition 1.7 : Lining of Pollution Control Dams of Appendix IV of Section 21(g) (page 12)*
- *Condition 3.6: Nitrate Pollution of Appendix IV of Section 21(g) (page 13)*
- *Condition 6( 6.1-6.5): Storm Water Management of Appendix IV of Section 21(g) (page 15)*
- *Condition 10 ( 10.1 -10.4): Integrated Water and Waste Management Plan of Appendix IV of Section 21(g) (page 16-17): (IWWMP &RSIP)*
- *Condition 11 ( 11.1 -11.4): Water Conservation and Water Demand Management of Appendix IV of Section 21(g) (page 17)*

All the above conditions are being assessed and form part of the overall Environmental Master Plan Project.

We thus hereby kindly request that, based on the current project and development of this Integrated Environmental Master Plan, the required IWWMP & RSIP be submitted to the DWS during the formal Water Use Application process as presented to the DWS (June 2017). This will allow for a final IWWMP plan with action plans which will support the amendment and application of the new proposed Storm Water and Waste Management Plans currently being developed.

It must be emphasized that the abovementioned proposal was presented to the DWS in order to assist Hernic with optimal achievement of environmental-legal compliance in terms of inter alia the National Water Act. It is the intention of the project team to assist the DWS and other relevant authorities with the streamlining of processes to ensure optimal utilization of departmental resources and unnecessary duplication of legal authorization processes.

We trust that you will revert to us as soon as possible.

Respectfully submitted

*Original signed by R. Grobbelaar*

\_\_\_\_\_  
Riaan Grobbelaar (Pr.Sci.Nat.) /LET8897

## **APPENDIX 6.3(A)**

### **NOTIFICATION LETTERS, BID, NEWSPAPER ADVERTISEMENTS, SITE NOTICES**

DRAFT



JMA10462

16 January 2017

**ATTENTION: REGISTERED INTERESTED & AFFECTED PARTY**

Dear Sir / Madam

**NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING**

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Hernic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations.

Environmental Authorization in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

The following proposed new activities at Hernic Ferrochrome are part of this current project.

- Decommissioning of two Historic Slimes Dams
- Decommissioning of Phase 1 of the H:H Slimes Dam
- Development and Expansion of the Site Storm Water and Process Water Management Facilities:
  - Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
  - Development of the Morula PCD
  - Expansion of Storm Water PCD No.1
  - Development of Storm Water PCD No.2
  - Development of Storm Water PCD No.3
  - Expansion of the OB Plant Process Water Dam
  - Expansion of the Plant Process Water Dam
  - Expansion of the CRP Process Water Dam
- Decommissioning of the Morula Dewatering Dam
- Development of a New Salvage Yard
- Expansion of the Tap Hole Fume Extraction System
- Expansion of the HERNIC Tailings Storage Facility (TSF)

- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Slag Sand at the Fine Slag Processing Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In view of the fact that HERNIC Ferrochrome operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

In terms of Regulation GNR 982 Section 41(2)(b), notice of the proposed project is hereby given to all Interested & Affected Parties (**I&AP's**), occupiers of the site, the owner or person in control of the site, owners/persons in control of, and occupiers of land adjacent to the site, the municipal councillor of the ward, the municipality which has jurisdiction in the area as well as any organ of state that may have jurisdiction over any aspect of the proposed activity.

You/Your organization have been identified and provisionally registered as I&AP to this project. Should you however wish to not form part of this process please notify the consultant and you will be removed from the mailing list.

You/your organization are hereby also cordially invited to attend the Public Meeting scheduled for **11:00 on 27 January 2017** at the HERNIC Ferrochrome Admin Lapa.

This Public Meeting will allow you the opportunity to be informed of the proposed project and associated activities as well as to answer any questions that you might have on the planned activities and to provide you with any additional information that you may require.

Please find attached to this letter an I&AP Comments Page whereupon all contact details and any comments or concerns can be stated and submitted to the Consultant for consideration.

For any further information please do not hesitate to contact the Consultant. Contact information is available on the Comments Page.

Yours sincerely



**Rene Rademeyer (Pri.Sci.Nat.)**

LET8912

# REGIONAL SETTING OF HERNIC FERROCHROME (PTY) LTD

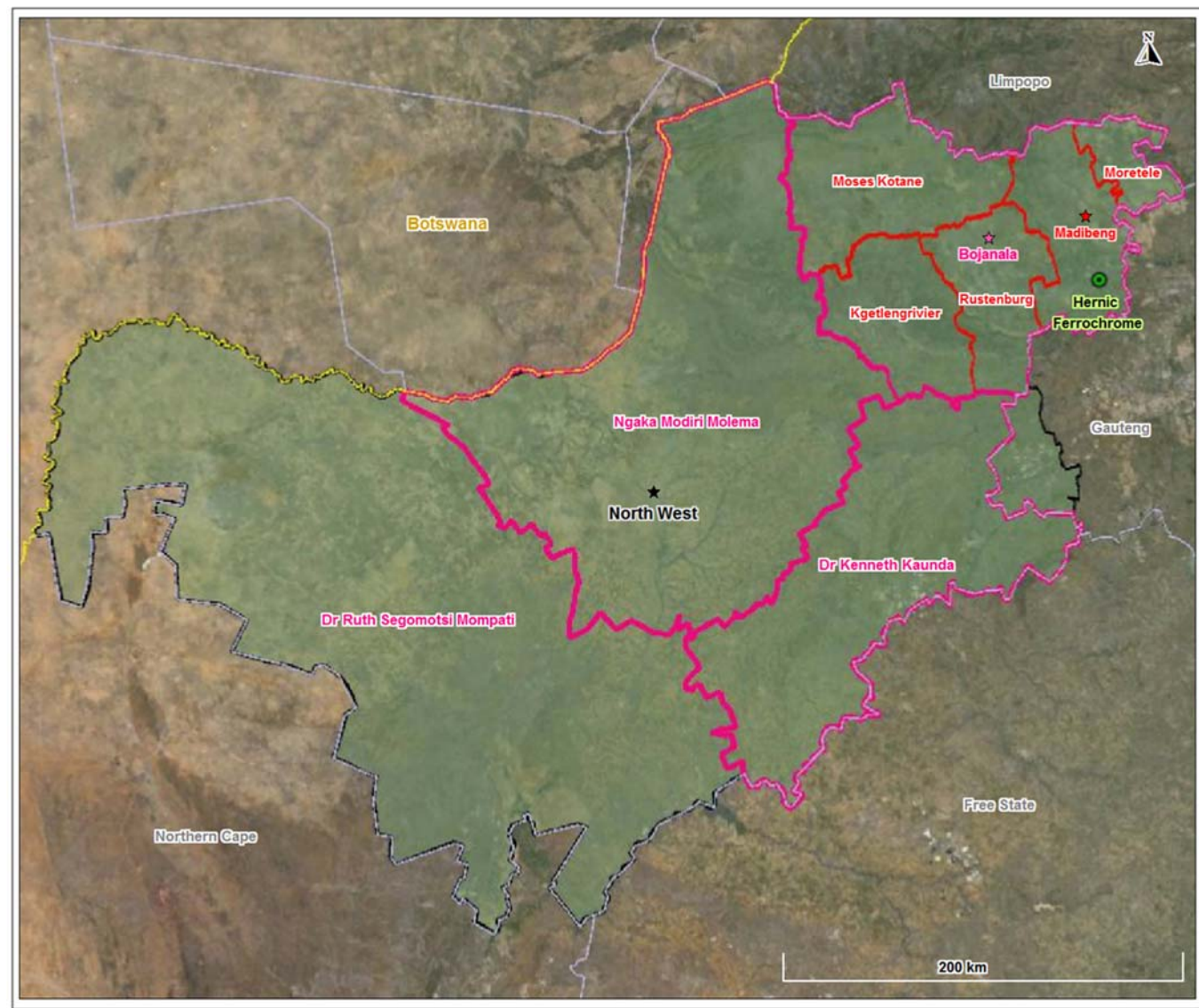


Figure 2: Regional Setting of the HERNIC Ferrochrome (Pty) Ltd Site

**Summary of the Regional Setting:**  
 The HERNIC Ferrochrome (Pty) Ltd site falls within the **Madibeng Local Municipality** which is located within the **Bojanala District Municipality** of the North-West Province.  
 The central coordinates of the site are 25°39'40.80"S and 27°50'26.51"E (WGS84). HERNIC Ferrochrome is located approximately 7 km to the south-east of the town of Brits and 11 km to the north-west of the town of Hartbeespoort. HERNIC Ferrochrome (Pty) Ltd is located in the southern regions of the **A21J Quaternary Catchment** within the **Limpopo River Primary Catchment** and within the Crocodile (West) and Marico Water Management Area.

## CONTACT INFORMATION

In order to ensure that you are identified/listed as an Interested and Affected Party (I&AP), please submit your name, contact information and interest in the matter on the provided registration form or contact:

**JMA Consulting (Pty) Ltd**  
**Contact:** Rene Rademeyer (Pri.Sci.Nat.) Tel: 013 665 1788 Fax: 086 646 8400  
**Email:** [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)  
**Postal:** P.O. Box 883 Delmas 2210

# JMA Consulting (Pty) Ltd

"Sustainable Environmental Solutions through Integrated Science and Engineering"



## HERNIC FERROCHROME (PTY) LTD S&EIR PROCESS BACKGROUND INFORMATION DOCUMENT

IN THIS BID:	
INTRODUCTION & BACKGROUND TO THE PROPOSED PROJECT	1
LEGAL FRAMEWORK & PROPOSED ACTIVITIES	1
LISTED ACTIVITIES & PUBLIC PARTICIPATION PROCESS	2
ROLE OF THE I&AP'S	3
PROJECT TIMELINE	3
REGIONAL SETTING OF HERNIC FERROCHROME	4
CONTACT DETAILS	4

### INTRODUCTION & BACKGROUND INFORMATION

HERNIC Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations.

HERNIC Ferrochrome (Pty) Ltd has been in operation since May 1996. The Operations, which expanded over the years, comprise both mining of Chromite Ore (initially opencast and then later from underground), ore beneficiation to yield feedstock chromite concentrate and lumpy ore, followed by pelletizing and sintering of the fine ore and finally Ferrochrome Smelting in four closed Furnaces, with an annual production capacity of 420 000 tonnes of ferrochrome. Several chrome recovery operations from chromite containing slag are also active on the site.

As the site expanded and was upgraded since 1996, HERNIC Ferrochrome has applied for, and obtained, the required Environmental Authorizations (EA) as and when required. It currently operates under an approved Environmental Management Programme (EMPR), which was amended as recently as 2016 and also holds a Water Use Licence, an Atmospheric Emissions Licence (AEL) as well as relevant Environmental Impact Assessment (EIA) Authorizations. Environmental Authorization(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required for this project.

The following proposed new activities at HERNIC Ferrochrome (Pty) Ltd are part of this current project:

- Decommissioning of two Historic Slimes Dams

- Decommissioning of Phase 1 of the H:H Slimes Dam
- Development and Expansion of the Site Storm Water and Process Water Management Facilities:
  - Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
  - Development of the Morula PCD
  - Expansion of Storm Water PCD No.1
  - Development of Storm Water PCD No.2
  - Development of Storm Water PCD No.3
  - Development of Storm Water PCD No.4
  - Expansion of the OB Plant Process Water Dam
  - Expansion of the Plant Process Water Dam
  - Expansion of the CRP Process Water Dam
- Decommissioning of the Morula Dewatering Dam
- Development of a New Salvage Yard
- Expansion of the Tap Hole Fume Extraction System
- Expansion of the Finished Product Plant Dust Abatement System
- Expansion of the HERNIC Tailings Storage Facility (TSF)
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Slag Sand at the Fine Slag Processing Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping & Environmental Impact Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.



## ENVIRONMENTAL AUTHORISATIONS

- Environmental Authorisation(s) required in terms of the provisions of the:
1. Mineral and Petroleum Resources Development Act (MPRDA),
  2. the National Environmental Management Act (NEMA),
  3. the National Environmental Management: Waste Act (NEMWA),
  4. the National Environmental Management: Air Quality Act (NEMAQA),
  5. the National Water Act (NWA) - Section 21 (c), Section 21(g) and Section 21(i) Water Uses

### LISTED ACTIVITIES APPLIED FOR

- Decommissioning of two Historic Slimes Dams: Activity 22 - GNR 983 (Listing Notice 1), Activity 14 - GNR 921 (Category A) & Activity 7 - GNR 921 (Category B)
- Development of Infrastructure for the Transportation of Slimes: Activity 10 - GNR 983 (Listing Notice 1)
- Decommissioning of Phase 1 of the H:H Slimes Dam: Activity 22 - GNR 983 (Listing Notice 1), Activity 14 - GNR 921 (Category A) & Activity 7 - GNR 921 (Category B)
- Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps: Activity 9, 10, 12, 34, 45, 46, 48 - GNR 983 (Listing Notice 1)
- Development of the Morula PCD: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Expansion of Storm Water PCD No.1: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Development of Storm Water PCD No. 2: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Development of Storm Water PCD No. 3: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Development of Storm Water PCD No. 4: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Expansion of the OB Plant Process Water Dam: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Expansion of the Plant Process Water Dam: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Expansion of the CRP Silt Trap Process Water Dam: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Decommissioning of the Morula Dewatering Dam: Activity 22 - GNR 983 (Listing Notice 1)
- Expansion of the Taphole Fume Extraction System: Activity 34 - GNR 983 (Listing Notice 1)
- Expansion of the Finished Product Plant Dust Abatement System: Activity 34 - GNR 983 (Listing Notice 1)
- Expansion of the Hercul TSF Facility: Activity 27, 34, 48 - GNR 983 (Listing Notice 1) & Activity 13 - GNR 921 (Category A)
- Re-Use of Mine Waste Rock at the Mine Waste Rock Stockpile: Activity 2 - GNR 921 (Category B)

## SUMMARY OF THE PUBLIC PARTICIPATION PROCESS

- Design the Public Participation Programme (PPP)
- Compile/Update the I&AP Data Base
- Pre-Application Discussion - DMR (Klerksdorp) & DWS (Hartbeespoort)
- Compile PPP Documentation (Notification Letters, BID, Site Notices, Newspaper Adverts)
- Place Newspaper Adverts
- Put up Site Notices
- Distribute Notification Letters
- Compile and print PPP Documents for Public Meeting
- Prepare for Public Meeting
- Conduct Public Meeting
- Compile and Distribute Minutes of Public Meeting
- Conduct Focus Group Meetings
- Compile and Distribute Minutes of Focus Group Meetings
- Distribute PPP Documents (Scoping Report, EIA Report and EMPr) for Review
- Collect PPP Documents after Review
- Capture and Respond to Issues and Concerns
- Update Issues and Concerns Register
- Update the PPP Documents if necessary – Compile and Print
- Submit all to DMR for Consideration

## ROLE OF THE I&AP'S

Interested and Affected Parties (I&AP's) have the right to raise any issue that they may deem as important and that they feel, needs to be investigated prior to approval being granted with regards to this application. These issues raised, must then be formally registered by the Environmental Assessment Practitioner (EAP), and be subsequently investigated. The EAP must respond to all issues raised during the Public Participation Process.

The roles of I&AP's in a Public Participation Process include *inter alia* one or more of the following:

- Provide an opportunity for I&AP's, EAP's, and the Competent Authority (CA) to obtain clear, accurate and understandable information about the environmental impacts of the proposed activity or implications of a decision;
- Provide I&AP's with an opportunity to voice their support, concerns and questions regarding the project, application or decision;
- Provide I&AP's with the opportunity of suggesting ways of reducing or mitigating any negative impacts of the project and for enhancing its positive impacts;
- Enables an applicant to incorporate the needs, preferences and values of affected parties into its application;
- Provide opportunities for clearing up misunderstandings about technical issues, resolving disputes and reconciling conflicting interests;
- It is an important aspect of securing transparency and accountability in decision-making.
- It contributes towards maintaining a healthy, vibrant democracy.

## AUTHORITY PARTICIPATION

In view of the fact that Hercul Ferrochrome (Pty) Ltd operates as a mine, the administrative process is that of the "Single Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

The Public Participation Process must give all potential or registered interested and affected parties, including the CA, a period of at least **30 days** to submit comments on the Reports submitted in terms of the S&EIR Process.

## SUMMARY OF THE SCOPING AND ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS WITH THE RELEVANT TIMELINE

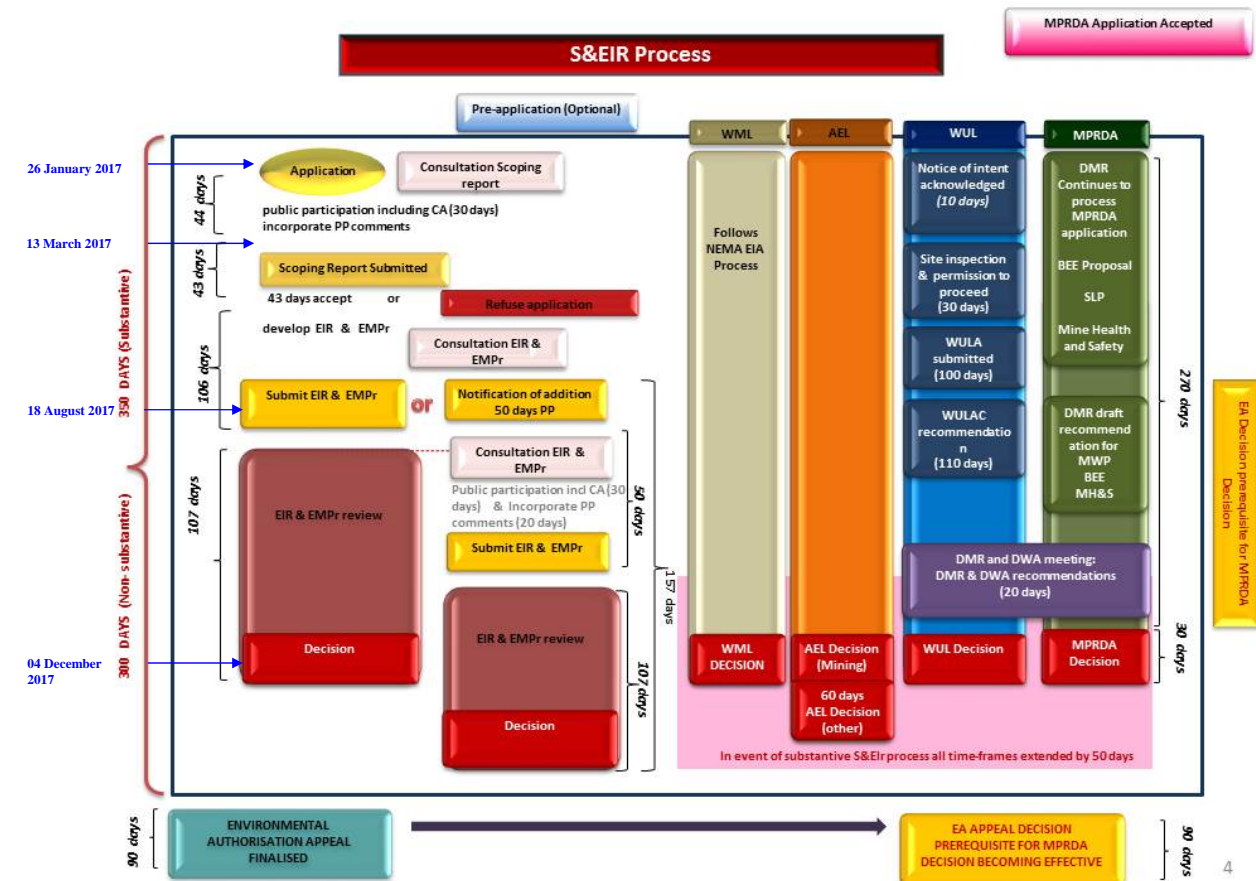
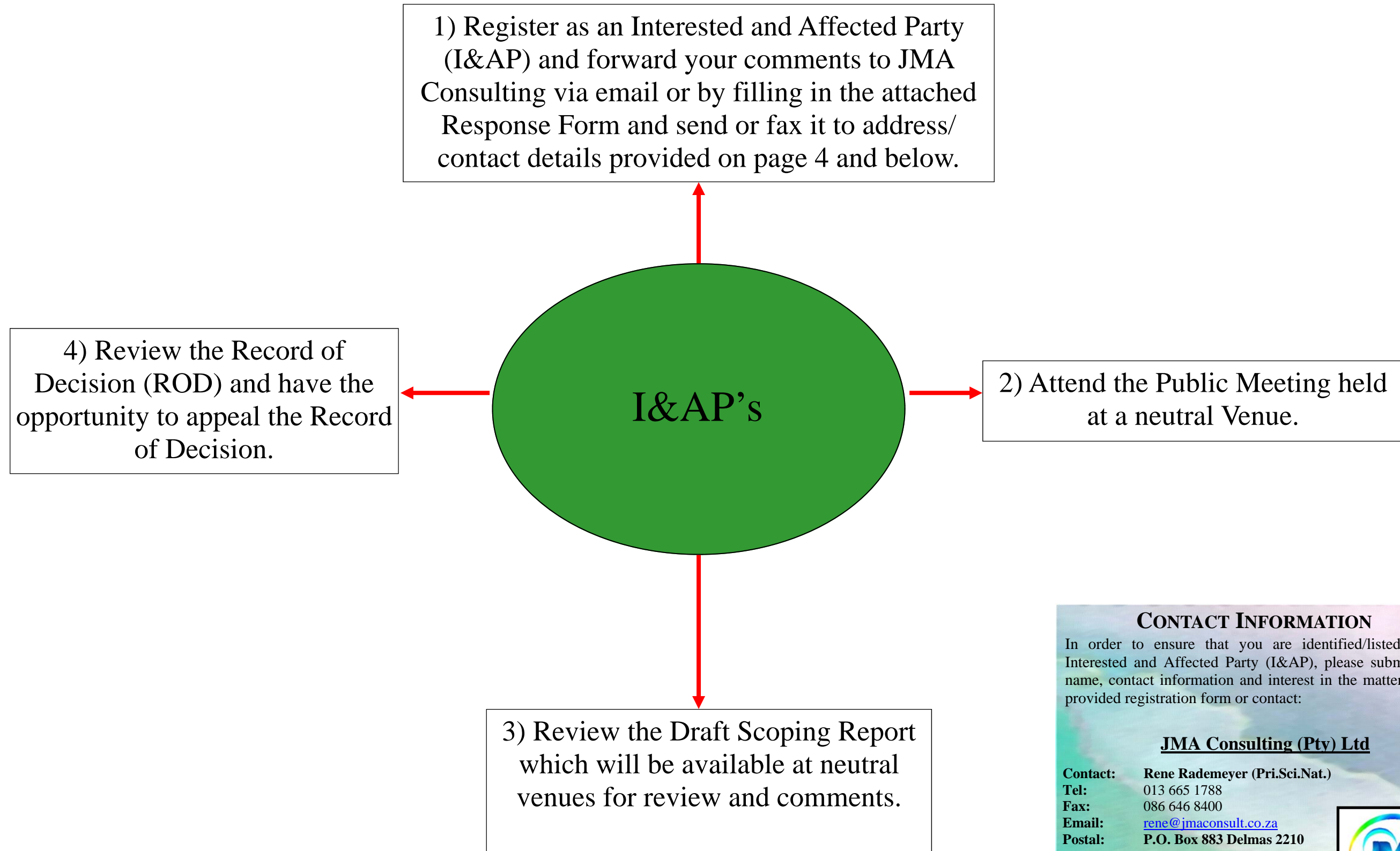


Figure 1: S&EIR Process and Relevant Timeline

## HOW TO GET INVOLVED IN THE S&EIR PROCESS



### CONTACT INFORMATION

In order to ensure that you are identified/listed as an Interested and Affected Party (I&AP), please submit your name, contact information and interest in the matter on the provided registration form or contact:

#### **JMA Consulting (Pty) Ltd**

**Contact:** Rene Rademeyer (Pri.Sci.Nat.)  
**Tel:** 013 665 1788  
**Fax:** 086 646 8400  
**Email:** [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)  
**Postal:** P.O. Box 883 Delmas 2210



# NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Environmental Authorization(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required for the proposed activities.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In terms of the Public Participation Process, the following topics will be discussed during the Public Meeting:

- The Legal Environmental Authorisation Requirements relevant to the project;
- The Draft Scoping Report;
- The way forward in the S&EIR Process.

**Applicant:** Hernic Ferrochrome (Pty) Ltd

**Process Description:** Hernic Ferrochrome wishes to Decommission, Develop and Expand activities to their current mining and smelting operations which require Environmental Authorization in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA).

In view of the fact that HERNIC FERROCHROME operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

**Project Location:** The HERNIC FERROCHROME site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province.

**Consultant:** Rene Rademeyer  
JMA Consulting (Pty) Ltd  
**Tel:** (013) 665 1788  
**Fax:** (013) 665 2364  
**Email:** [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)  
**Postal:** P.O. Box 883, Delmas, 2210



**JMA Consulting (Pty) Ltd**  
*Sustainable Environmental Solutions  
through  
Integrated Science and Engineering*

**Date of Publication:** 12/13 January 2017

**Public Participation:** In accordance with the EIA Regulations (GNR 982 of 04 December 2014) you are hereby then cordially invited to attend the Public Meeting scheduled for **11:00 on 27 January 2017** at the HERNIC FERROCHROME Admin Lapa.

In order to ensure that you are identified and registered as an Interested and Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to the consultant, Mrs Rene Rademeyer as given above by means of **fax, e-mail or post**.

**If any further information is required please do not hesitate to contact us.**

# NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

**Applicant:**

Hernic Ferrochrome (Pty) Ltd

**Process Description:**

Hernic Ferrochrome wishes to Decommission, Develop and Expand activities to their current mining and smelting operations which require Environmental Authorization in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA).

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping and Environmental Impact Assessment and Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In view of the fact that Hernic Ferrochrome operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

**Project Location:**

The Hernic Ferrochrome site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province.

**Date of this Advertisement:**

12/13 January 2017

**Consultant:**

JMA Consulting (Pty) Ltd

Contact: Rene Rademeyer

Tel: (013) - 665 1788

Fax: (013) - 665 2364

Email: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)

Postal: P.O. Box 883

Delmas, 2210



*JMA Consulting (Pty) Ltd  
Sustainable Environmental Solutions  
through  
Integrated Science and Engineering*

In order to ensure that you are identified and registered as an Interested and Affected Party please submit your name, contact information and interest in the matter, in writing, to the consultant, Mrs Rene Rademeyer, as given above by means of fax, e-mail or post.

You are also cordially invited to attend the Interested & Affected Party Public Meeting scheduled for  
**11h00 on 27 January 2017**

at the Hernic Ferrochrome Admin Lapa, where further registration as I&AP can be done.

If any further information is required please do not hesitate to contact us.

## **APPENDIX 6.3(B)**

**PROOF OF NOTIFICATION EMAILS, COMMENT PAGE, SMS'E,  
NEWSPAPER ADVERTISEMENTS AND PLACEMENT OF SITE NOTICES**

DRAFT

## Rene Rademeyer

---

**From:** Rene Rademeyer  
**Sent:** 16 January 2017 08:20 AM  
**To:** 'jagbarnard@mweb.co.za'; 'mj.viljoen@gmail.com'; 'oprig@mweb.co.za'; 'atvonweilligh@mweb.co.za'; 'hhasson@eastplats.co.za'; 'lberrange@eastplats.co.za'; 'thysr@mccgroup.co.za'; 'jjbrahman@gmail.com'; 'ccpta@mweb.co.za'; 'leentjie@mobileemail.vodafonesa.co.za'; 'bezht@vodamail.co.za'; 'thea.terblanche@vodamail.co.za'; 'johan.terblanche@vodamail.co.za'; 'cone.terblanche95@gmail.com'; 'ljsmit3@gmail.com'; 'jeandre.farrier@gmail.com'; 'peter@gravmaxsa.com'; 'rhodelategan@gmail.com'; 'loranjiboerdery@gmail.com'; 'henrilategan@gmail.com'; 'colinbridger414@yahoo.co.uk'; 'dries@delta.co.za'; 'miraclewaters04@gmail.com'; 'morne@gptglobal.com'; 'Jan Potgieter'; 'iti31424@mweb.co.za'; 'riana@britssakekamer.co.za'; 'manserve@ecsir.co.za'; 'mariane@hgrondwerke.co.za'; 'anrew@hallmachines.co.za'; 'michaels@mtnloaded.co.za'; 'bopapet@dws.gov.za'; Lethabo Ramashala ; 'thapelom@bojanala.gov.za'; 'abubu@bojanala.gov.za'; 'mmohlalisi@nwpg.gov.za'; 'jwallis@nwpg.gov.za'; 'matumemanaka@madibeng.gov.za'; 'avhashoninevondo@madibeng.gov.za'; 'thapelongwato@madibeng.gov.za'; 'sramavha625@gmail.com'; 'chris.tshisevhe@dmr.gov.za'; 'phumudzo.nethwadzi@dmr.gov.za'; 'tshekobogale79@gmail.com'; 'stevensmogkoko@gmail.com'; 'lolomankg@gmail.com'; 'isaac.matjila71@gmail.com'; 'simarelebaloyi@gmail.com'; 'rodaneytshelane@gmail.com'; 'sophysegale01@gmail.com'; 'ronneymasilo@gmail.com'; 'tsipo16@gmail.com'; 'Patrick.Matsemela@gmail.com'; 'sigazathabo@gmail.com'; 'mokwenatops@yahoo.com'; 'Patrickledikwa@yahoo.com'; 'kobej72@yahoo.com'; 'Majakaneng.unemployment@gmail.com'; 'stinadiale@gmail.com'; 'robert200855@gmail.com'; 'fikzen@webmail.com'; 'barrymokone@gmail.com'; 'infoyabopobmi@gmail.com'; 'kgomotsolefosa@gmail.com'; 'tktshidiso@gmail.com'; 'cdambula@gmail.com'  
**Cc:** Elzanne Moodie; Lesego Raborifi; Moses Mashiane; Riaan Grobbelaar; Jasper Muller  
**Subject:** Hernic Ferrochrome (Pty) Ltd - Application for Environmental Authorisation(s)  
**Attachments:** LET8912 Hernic\_ Notification of Application and Public Meeting.pdf; Hernic\_I&AP Comment Page\_S&EIR Process.pdf

**Importance:** High

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Elzanne Moodie	
Lesego Raborifi	
Moses Mashiane	
Riaan Grobbelaar	Delivered: 2017/01/16 08:21 AM
Jasper Muller	Delivered: 2017/01/16 08:21 AM

Dear Interested and Affected Party,

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Hernic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. Environmental Authorization in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In terms of Regulation GNR 982 Section 41(2)(b), notice of the proposed project is hereby given to all Interested & Affected Parties (I&AP's), occupiers of the site, the owner or person in control of the site, owners/persons in control of, and occupiers of land adjacent to the site, the municipal councillor of the ward, the municipality which has jurisdiction in the area as well as any organ of state that may have jurisdiction over any aspect of the proposed activity.

You/Your organization have been identified and provisionally registered as I&AP to this project. Should you however wish to not form part of this process please notify the consultant and you will be removed from the mailing list.

You/your organization are hereby also cordially invited to attend the **Public Meeting** scheduled for **11:00 on 27 January 2017** at the **Hernic Ferrochrome Admin Lapa**.

If any further information is required please do not hesitate to contact us.



**René Rademeyer (Pr.Sci.Nat.)**

---

*JMA CONSULTING (PTY) LTD*

*P O BOX 883*

*DELMAS*

*2210*

*Tel No.: 013-665 1788*

*Fax No.: 013-665 2364*

*Fax to e-mail: 086 646 9368*

*DISCLAIMER:*

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- 2. The views and opinions expressed in this e-mail do not necessarily express or reflect the views and/or opinions of JMA Consulting (Pty) Ltd.*

## Rene Rademeyer

---

**From:** Rene Rademeyer  
**Sent:** 16 January 2017 08:30 AM  
**To:** 'manserve@ecsir.co.za'; 'fikzen@webmail.com'; 'cdambula@gmail.com'; Elzanne Moodie; 'mmohlalisi@nwpg.gov.za'; Moses Mashiane; 'atvonwielligh@mweb.co.za'; 'patrick.ledikwa@yahoo.com'  
**Subject:** Hernic Ferrochrome (Pty) Ltd - Application for Environmental Authorisation(s)  
**Attachments:** LET8912 Hernic\_ Notification of Application and Public Meeting.pdf; Hernic\_I&AP Comment Page\_S&EIR Process.pdf  
**Importance:** High

Dear Interested and Affected Party,

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Hernic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. Environmental Authorization in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In terms of Regulation GNR 982 Section 41(2)(b), notice of the proposed project is hereby given to all Interested & Affected Parties (I&AP's), occupiers of the site, the owner or person in control of the site, owners/persons in control of, and occupiers of land adjacent to the site, the municipal councillor of the ward, the municipality which has jurisdiction in the area as well as any organ of state that may have jurisdiction over any aspect of the proposed activity.

You/Your organization have been identified and provisionally registered as I&AP to this project. Should you however wish to not form part of this process please notify the consultant and you will be removed from the mailing list.

You/your organization are hereby also cordially invited to attend the **Public Meeting** scheduled for **11:00 on 27 January 2017** at the **Hernic Ferrochrome Admin Lapa**.

If any further information is required please do not hesitate to contact us.

### René Rademeyer (Pr.Sci.Nat.)

---

JMA CONSULTING (PTY) LTD  
P O BOX 883  
DELMAS  
2210  
Tel No.: 013-665 1788  
Fax No.: 013-665 2364  
Fax to e-mail: 086 646 9368

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## Rene Rademeyer

---

**From:** Rene Rademeyer  
**Sent:** 16 January 2017 08:45 AM  
**To:** 'andrew@hallmachines.co.za'; 'Sophysegale01@gmail.com'; 'Stevensmogkoko@gmail.com'; 'Sramavha625@gmail.com'; 'Robert200855@gmail.com'; 'lojarniboerdery@gmail.com'; 'sone.terblanche95@gmail.com'; 'matomemanaka@madibeng.gov.za'  
**Subject:** Hernic Ferrochrome (Pty) Ltd - Application for Environmental Authorisation(s)  
**Attachments:** LET8912 Hernic\_ Notification of Application and Public Meeting.pdf; Hernic\_I&AP Comment Page\_S&EIR Process.pdf  
**Importance:** High

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**René Rademeyer (Pr.Sci.Nat.)**

---

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DELMAS  
2210  
Tel No.: 013-665 1788  
Fax No.: 013-665 2364  
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## Rene Rademeyer

---

**From:** Rene Rademeyer  
**Sent:** 16 January 2017 02:03 PM  
**To:** 'hhanson@eastplats.co.za'; 'lojanriboerdery@gmail.com'; 'jsgproj@gmail.com'; 'liennolte@gmail.com'; 'stevensmokgoko@gmail.com'; 'rodneytshelane@gmail.com'; 'robert2008455@gmail.com'; 'fikzen@webmail.co.za'  
**Subject:** Hernic Ferrochrome (Pty) Ltd - Application for Environmental Authorisation(s)  
**Attachments:** LET8912 Hernic\_ Notification of Application and Public Meeting.pdf; Hernic\_I&AP Comment Page\_S&EIR Process.pdf

**Importance:** High

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### René Rademeyer (Pr.Sci.Nat.)

---

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Tel No.: 013-665 1788  
Fax No.: 013-665 2364  
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**SCOPING AND ENVIRONMENTAL  
IMPACT REPORTING (S&EIR)  
PROCESS**

Contact: Rene Rademeyer  
JMA Consulting (Pty) Ltd  
P.O. Box 883  
Delmas, 2210



**HERNIC FERROCHROME (PTY) LTD**

Phone: (013) 665 1788  
Fax: (013) 665 2364

**INTERESTED AND AFFECTED PARTY  
REGISTRATION & INVITATION TO COMMENT**

E-mail: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)

*Please complete and return to the Address indicated above*

TITLE		FIRST NAME	
INITIALS		SURNAME	
ORGANISATION		E-MAIL ADDRESS	
POSTAL ADDRESS			
POSTAL CODE		CELL PHONE NO	
TEL NO		FAX NO	

**REGISTRATION AS INTERESTED AND AFFECTED PARTY (PLEASE TICK THE APPLICABLE BOX)**

Please formally register me as an Interested and Affected Party (I&AP) so that I may receive further information and notifications during the <b>Scoping and Environmental Impact Reporting (S&amp;EIR) Process</b>	YES	NO
I would like notifications by	Letter (Mail)	
	Email	
	Fax	
	SMS	
In Terms of <b>Regulation 43(1)</b> , of <b>GNR 982 (Environmental Impact Assessment Regulations 2014)</b> , I disclose below any direct business, financial, personal, other interest that I may have in the approval or refusal of this application: <hr/> <hr/> <hr/>		

**COMMENTS**

I suggest that the following issues be addressed during the **Scoping and Environmental Impact Reporting (S&EIR) Process**

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Any other comments

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Please ask the following friends/colleagues to register as I&APs for this **Scoping and Environmental Impact Reporting (S&EIR) Process**

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\_\_\_\_\_  
Signature

**WE THANK YOU FOR YOUR CONTRIBUTION**

\_\_\_\_\_  
Date

*Please be assured that your comments will be formally registered and be included as part of the Final Documentation that will be submitted to Relevant Authorities.*



Mobile Broadband

**Inbox Write Sent Draft Settings Help**

**Sent**

<input type="checkbox"/>	Date	To	Messages
<input type="checkbox"/>	16 January 2017 14:23	0723379110	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:23	0723379100	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

**Home network**

**Mobile number** 27796044621

**Signal**

**Status** Connected

**Network** Vodacom HSDPA

**Time connected** 00:18:24

**Total volume** 2.31MB

**Up** 0b/s

**Down** 0b/s

Mobile Broadband

<input type="checkbox"/>	16 January 2017 14:22	0823017260	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:22	0825644584	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:21	0722291977	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband

JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788, F:013 665 2364, PO Box 883, Delmas 2210, [rene@imaconsult.co.za](mailto:rene@imaconsult.co.za)

<input type="checkbox"/>	16 January 2017 14:21	0725902341	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:21	0834595536	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Forward Delete

Mobile Broadband

**Sent**

<input type="checkbox"/>	Date	To	Messages
<input type="checkbox"/>	16 January 2017 14:40	0823789922	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:39	0827825525	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:39	0823789922	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are

**Home network**

Mobile number: 27796044621

Signal:

Status: Connected

Network: Vodacom HSDPA

Time connected: 00:34:18

Total volume: 2.5MB

▲ | Up: 0b/s

▼ | Down: 0b/s

Mobile Broadband			
<input type="checkbox"/>	16 January 2017 14:39	0823789922	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:39	0724609877	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:39	0733478033	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband			
<input type="checkbox"/>	16 January 2017 14:39	0829541962	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:37	0760907932	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:37	0795235094	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 14:37 0829234448	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:37 0718400720	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:36 0848955016	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 14:36 0828923106	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:36 0824940750	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:36 0824925073	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

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**Inbox Write Sent Draft Settings Help**

**Sent**

<input type="checkbox"/>	Date	To	Messages
<input type="checkbox"/>	16 January 2017 14:47	0718809021	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:47	0826522148	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

**Home network**

Mobile number: 2779604621

Signal:

Status: Connected

Network: Vodacom HSDPA

Time connected: 00:42:39

Total volume: 2.57MB

▲ | Up: 0b/s

▼ | Down: 0b/s

Mobile Broadband

<input type="checkbox"/>	16 January 2017 14:47	0833045796	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:46	0835358669	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:46	0825563235	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 14:46 0828233815	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:46 0828571743	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:45 0828213147	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 14:45 0820621717	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:45 0817538759	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:45 0768760667	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband

January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa.  
 JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788;  
 F:013 665 2364, PO Box 883, Delmas 2210,  
[rene@imaconsult.co.za](mailto:rene@imaconsult.co.za)

<input type="checkbox"/>	16 January 2017 14:45	0768760667	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:45	0842093770	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Forward Delete

Mobile Broadband

Sent

<input type="checkbox"/>	Date	To	Messages
<input type="checkbox"/>	16 January 2017 14:52	0714758362	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:52	0723864792	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:52	0824163033	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are

**Home network**

Mobile number: 27796044621

Signal:

Status: Connected

Network: Vodacom HSDPA

Time connected: 00:47:57

Total volume: 2.66MB

▲ | Up: 0b/s

▼ | Down: 0b/s

Mobile Broadband			
<input type="checkbox"/>	16 January 2017 14:52	0824163033	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:52	0799644720	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:51	0845112138	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband			
<input type="checkbox"/>	16 January 2017 14:51	0834968724	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:51	0829083177	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:51	0838541937	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>



Mobile Broadband

**Inbox Write Sent Draft Settings Help**

**Sent**

<input type="checkbox"/>	Date	To	Messages
<input type="checkbox"/>	16 January 2017 14:58	0833953312	Dear I&AP, Heric Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Heric Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:58	0762431525	Dear I&AP, Heric Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Heric Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

**Home network**

**Mobile number** 27796044621

**Signal**

**Status** Connected

**Network** Vodacom HSDPA

**Time connected** 00:53:33

**Total volume** 2.68MB

**Up** 0b/s

**Down** 0b/s

Mobile Broadband

<input type="checkbox"/>	16 January 2017 14:58	0747207686	Dear I&AP, Heric Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Heric Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:58	0766711088	Dear I&AP, Heric Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Heric Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:58	0826971211	Dear I&AP, Heric Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Heric Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>


Mobile Broadband		
<input type="checkbox"/>	16 January 2017 14:56 0823539540	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:56 0769384605	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:56 0725906170	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>


Mobile Broadband		
<input type="checkbox"/>	16 January 2017 14:55 0820949034	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:55 0721088853	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 14:55 0717810104	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband


<input type="checkbox"/>	Date	To	Messages
<input type="checkbox"/>	16 January 2017 15:09	0761625193	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T.013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:06	0767777083	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T.013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:06	0766920591	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T.013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile number 27796044621

Signal 

Status Connected 

Network Vodacom HSDPA

Time connected 01:03:57 

Total volume 2.73MB

▲ | Up 104b/s

▼ | Down 0b/s

Mobile Broadband

<input type="checkbox"/>	16 January 2017 15:06	0781736774	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T.013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:06	0795560465	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T.013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:06	0767486093	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T.013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 15:03 0623435498	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:03 0715636971	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:03 0783987908	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 15:03 0767180817	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:02 0738845132	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:02 0631145279	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

Mobile Broadband		
<input type="checkbox"/>	16 January 2017 15:02 0729395639	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:02 0722340304	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>
<input type="checkbox"/>	16 January 2017 15:02 0725305820	Dear I&AP, Hemic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations. You/your organization are hereby invited to attend the Public Meeting in this regard 27 January 2017, 11h00 at the Hemic Ferrochrome Admin Lapa. JMA Consulting (Pty) Ltd-Rene Rademeyer T:013 665 1788; F:013 665 2364, PO Box 883, Delmas 2210, <a href="mailto:rene@imaconsult.co.za">rene@imaconsult.co.za</a>

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onthou jou e-pos adres en wagwoord - jy sal 'n verwysingsnommer ontvang.

Indien dieselfde e-pos adres of wagwoord in die toekoms gebruik word, sal die program dit herken en is dit dus nie

nodig om weer te registreer nie.

Elke maand sal Brits Pos 'n gelukkige wenner kies en dié betrokke adverteerder sal R1 000 kontant in sy sak steek! So, hoekom nog wag - sit daardie goedere wat in jou pad staan/lê aanlyn van die hand en verdien so ook 'n ekstra rand of twee!



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**(MET OPERATEUR)**  
**SKAKEL**  
**082-871-3990**

**NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING**

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in inter alia the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Environmental Authorisation(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required for the proposed activities.

Based on the nature of the proposed activities, the necessary applications have to be supported inter alia by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In terms of the Public Participation Process, the following topics will be discussed during the Public Meeting:

- > The Legal Environmental Authorisation Requirements relevant to the project;
- > The Draft Scoping Report;
- > The way forward in the S&EIR Process.

**Applicant:** Hercul Ferrochrome (Pty) Ltd

**Process Description:** Hercul Ferrochrome wishes to Decommission, Develop and Expand activities to their current mining and smelting operations which require Environmental Authorisation in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA).

In view of the fact that Hercul Ferrochrome operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

**Project Location:** The Hercul Ferrochrome site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province.

**Consultant:** Rene Rademeyer  
JMA Consulting (Pty) Ltd  
Tel: (013) 665 1788 Fax: (013) 665 2364  
Email: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za) Postal: P.O. Box 883, Delmas, 2210

**Date of Publication:** 12/13 January 2017

**Public Participation:** In accordance with the EIA Regulations (GNR 982 of 04 December 2014) you are hereby then cordially invited to attend the Public Meeting scheduled for **11:00 on 27 January 2017** at the Hercul Ferrochrome Admin Lapa.

In order to ensure that you are identified and registered as an Interested and Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to the consultant, Mrs Rene Rademeyer as given above by means of **fax, e-mail or post.**

**If any further information is required please do not hesitate to contact us.**



Na afloop van Brits Pos se onlangse matriekafskied foto-kompetisie het nie net die matrikulant wat die kompetisie gewen het 'n R1 000 ontvang nie, maar ook die skool! Op die foto ontvang die hoof van Hoërskool Wagpos, Daan Neethling, die kontantprys van 'n R1 000.



Rita Labuschagne is die gelukkige leser wat R1 000 in Brits Pos se onlangse matriekafskied foto-kompetisie gewen het. "Dit was die grootste verrassing ooit," het Rita gesê. "Ek kan dit amper nie glo nie. Ek het nog nooit in my lewe iets gewen nie en nou nogal so 'n groot kontantprys! Ek gaan die prysgeld gebruik om myself 'n bietjie (van kop tot tone) te bederf."

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### TEMPERATURE

Vandag: 17-26 grade C  
Vrydag: 20-29 grade C  
Saterdag: 21-27 grade C  
Sondag: 20-27 grade C  
Maandag: 19-26 grade C  
Dinsdag: 17-22 grade C  
Woensdag: 18-26 grade C

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**Kontak eienaar op 072 4544 723**



## INFO PERSONNEL

Tel: 014 592 1791/4  
Address: 40A Heystek Street, Rustenburg  
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**X20 Shaft Timberman - URGENT (Rtb)** Must have Gr12 with Blasting Certificate & Onsetters Ticket. **RST000704**

**Director Communication Services (Mafikeng) R898 743 p/a.** An appropriate, recognized 4-year tertiary qualification in Communication. Minimum 5 years relevant post-qualification experience coupled with a minimum of 5 years relevant experience at Middle/ Senior Management level. Valid Driver's License. Computer Literacy. **RST000708**

**Director Legal Services (Mafikeng) R898 743 p/a.** An appropriate post graduate degree in Law/LLB. Admitted Attorney/Advocate. Minimum of 8 years post qualification experience in legal services with a minimum of 5 years at Middle/ Senior Management level. Valid Driver's License. Computer Literacy. **RST000709**

**Senior MR6 Legal Administration Officer (Mafikeng) R729 327 p/a.** An appropriate recognized LLB degree or equivalent qualification coupled with at least 8 years post qualification

experience in the provision of legal services. A minimum of three years at middle management level. The ability to negotiate and draft contracts and other legal documents. Knowledge of PAIA, PAJA and the Constitution is essential. Provide legal support & advice. **RST000737**

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**IN DIE LANDDROSHOF VIR DIE DISTRIK VAN VENTERSDORP GEHOU TE VENTERSDORP.** Saaknommer: 150/2016. In die saak tussen: ANNA JACOBA CATHARINA PRETORIUS - EISER en WILLEM L PRETORIUS - VERWEEDER. KENNISGEWING VAN GEREGTELIK VERKOPING VAN ROERENDE EIENDOM. TEN UITVOERLEGGING van 'n Bevel van die Landdros, VENTERSDORP gedateer 28 September 2016 sal ondervermelde goedere om **10:00 op 26 JANUARIE 2017** per publieke veiling te die LANDDROSHOF VENTERSDORP, deur die BALJU vir die Landdros van VENTERSDORP aan die hoogste biër vir kontant verkoop word, naamlik: 1x MACO BOORMASJIE 1x FRAGRAM MACHINE 1x KOMPRESSOR 1x SWEISMASJIE 1x BATTERY LAAIER 1x SAHARA REKENAAR. **VOORWAARDES:** Die roerende bates word verkoop aan die hoogste biër vir kontant. Die koper betaal BTW waar van toepassing. NAVRAE: DIE BALJU, HANNES OTTO - SELFOON: 082 787 2003. GETEKEN te VENTERSDORP op die 2DE dag van DESEMBER 2016.

(get) M.A. SMIT - EISER SE PROKUREURS. SCHMITZ PROKUREURS INGELYF. WINKEL 2, ENGEN KOMPLEKS. CARMICHAELSTRAAT, VENTERSDORP, 2710.

Epos: [chantel@sigproks.co.za](mailto:chantel@sigproks.co.za) | Tel: 018 264 2027 | Faks: 018 264 2027 / 086 630 6695. | Verw: MS/cg | Lêernr: SD0024.

**NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING**

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in inter alia the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Environmental Authorisation(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required for the proposed activities.

Based on the nature of the proposed activities, the necessary applications have to be supported inter alia by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In terms of the Public Participation Process, the following topics will be discussed during the Public Meeting:

- The Legal Environmental Authorisation Requirements relevant to the project;
- The Draft Scoping Report;
- The way forward in the S&EIR Process.

**Applicant:** Hemic Ferrochrome (Pty) Ltd

**Process Description:** Hemic Ferrochrome wishes to Decommission, Develop and Expand activities to their current mining and smelting operations which require Environmental Authorisation in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management: Air Quality Act (NEMAQA), as well as the National Water Act (NWA).

In view of the fact that Hemic Ferrochrome operates as a mine, the administrative process is that of the "One Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

**Project Location:** The Hemic Ferrochrome site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province.


**Consultant:** René Rademeyer | JMA Consulting (Pty) Ltd  
Tel: (013) 665 1788 | Fax: (013) 665 2364 | Email: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za) | Postal: P.O. Box 883, Delmas, 2210.

**Public Participation:** In accordance with the EIA Regulations (GNR 982 of 04 December 2014) you are hereby then cordially invited to attend the Public Meeting scheduled for 11:00 on 27 January 2017 at the Hemic Ferrochrome Admin Lapa.

In order to ensure that you are identified and registered as an Interested and Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to the consultant, Mrs Rene Rademeyer as given above by means of fax, e-mail or post.

If any further information is required please do not hesitate to contact us.

  
JMA Consulting (Pty) Ltd  
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## IMPALA PLATINUM HOLDINGS LIMITED

### ANNOUNCES PROPOSED SALE OF ITS 65% INTEREST IN IMPALA CHROME PROPRIETARY LIMITED

Impala Chrome Proprietary Limited ("Impala Chrome") represents a unique value proposition in South Africa's chrome industry. It is a profitable, cash generative chrome beneficiation operation which processes around 4 000 000 tonnes of tailings per annum and produces in excess of 200 000 tonnes of chrome concentrate per annum.

Impala Platinum Holdings Limited ("Implats") owns 65% of the shares (the "Implats Interest") in Impala Chrome. Implats wishes to dispose of the Implats Interest, as it views the asset as non-core and wishes to focus management's attention and the company's resources on its core assets. The disposal will take the form of a single transaction encompassing the sale of the Implats Interest for full value.

Impala Chrome's operations are located at Implats' Rustenburg Mine in the North West Province and are operated by Chrome Traders Processing Proprietary Limited, which is a 30% shareholder in Impala Chrome. The remaining 5% of Impala Chrome's shares are held by a special purpose vehicle ("SPV") for certain land rights holders for the area surrounding the Impala Chrome operations.

Impala Chrome has a modern and well established chrome processing facility, which requires no further substantive capital investment, and limited stay-in-business capital. The operation has a substantial supply of chromite from the UG2 ore that will be mined by Impala over its life of mine. It is managed by a competent and highly experienced management team. Impala Chrome has a track record of excellent stakeholder relations and combined with the chrome industry's attractive prospects, makes this investment opportunity compelling.


The proposed sale of the Implats Interest will be concluded pursuant to a competitive tender process. Accordingly, parties that have an interest in acquiring the Implats Interest ("Potential Purchasers") should be prepared to participate in the competitive tender process on this basis. Implats, however, reserves the right, at its sole and absolute discretion, to withdraw, amend or terminate the sale process at any time.

Implats hereby invites interested parties, who may wish to submit expressions of interest for the acquisition of the Implats Interest to contact The Standard Bank of South Africa Limited by email by no later than 17:00 on 20 January 2017, to obtain the formal Request for Expressions of Interest:

Sandra du Toit Randall Starkey  
Tel: +27 11 344 5819 Tel: +27 11 721 9169  
Email: [Sandra.duToit@standardbank.co.za](mailto:Sandra.duToit@standardbank.co.za) Email: [Randall.Starkey@standardbank.co.za](mailto:Randall.Starkey@standardbank.co.za)

Please note that Potential Purchasers, will be required to submit the information set out in the Request for Expressions of Interest, together with a signed confidentiality agreement, and to deposit an amount of R100 000 (one hundred thousand South African Rands) into Implats' attorneys' trust account. This deposit will not be refunded if the Potential Purchaser withdraws from the sale process, but will be refunded should Implats, in its sole discretion, disqualify such Potential Purchaser from further participation in the sale process.

All enquiries in respect of the process or requests for further information should be directed to Sandra du Toit or Randall Starkey of The Standard Bank of South Africa Limited (preferably by email). Under no circumstances should management, shareholders or employees of Implats, Impala Chrome or any other related stakeholder in Impala Chrome, be contacted at any stage regarding this proposed sale.



## Weather Report North West Rustenburg

Friday	13 January	2017	29°C - 20°C
Saturday	14 January	2017	27°C - 19°C
Sunday	15 January	2017	27°C - 19°C
Monday	16 January	2017	29°C - 17°C
Tuesday	17 January	2017	26°C - 14°C

## FINANCIAL INDICATORS

Crude Oil (OIL)	R	711.65
Gold Ounces (XAU)	R	16,339.78
Platinum Ounces (XPT)	R	13,248.18
Palladium Ounces (XPD)	R	10,289.91
United States Dollar (USD)	R	13.62
British Pound (GBP)	R	16.68
Euro (EUR)	R	14.47
Chinese Yen (CNY)	R	1.97
Namibian Dollar (NAD)	R	0.99
Lesotho Loti (LSL)	R	1.00

At time of print



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**CONTACT US**

Margaret Lombard • 081 710 6540  
[listsings@motoringmirror.co.za](mailto:listsings@motoringmirror.co.za)

Reynders Brough • 014 592 5653  
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**Photographs of Site Notices Placed on the  
12 January 2017**

**Mine Fence to Admin Lapa  
25°39'58.86"S 27°50'11.01"E**



**Main Entrance of Heric Ferrochrome  
25°39'35.59"S 27°50'44.20"**



**RAS Community School (Opposite Heric Ferrochrome)  
25°39'52.22"S 27°49'54.03"**





**Madibeng Local Municipality**  
**25°38'08.24"S 27°46'38.06"**



**Madibeng Local Library**  
**25°38'05.93"S 27°46'41.94"**



**APPENDIX 6.5(A)**

**PROOF OF SUBMISSION OF EA APPLICATION TO DMR**

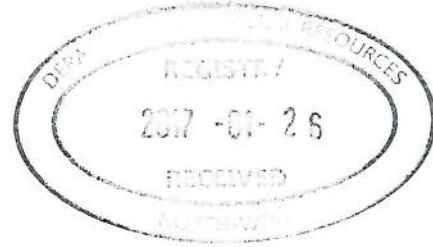
DRAFT



JMA Ref: 10462/RR01

26 January 2017

The Regional Manager  
Mine Environmental Management  
North West Region  
Department of Mineral Resources (DMR)  
KLERKSDORP  
2571



**ATTENTION: MR CHRISTOPHER TSHISEVHE**

**Submission of an Application Form for Environmental Authorisations in terms of the National Environmental Management Act, 1998 and the National Environmental Management Waste Act, 2008 in Respect of Listed Activities that have been triggered by applications in terms of the Mineral And Petroleum Resources Development Act, 2002 (MPRDA) (As Amended).**

Hernic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations.

Environmental Authorization(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

The following proposed new activities at Hernic Ferrochrome (Pty) Ltd are part of this current project.

- Decommissioning of two Historic Slimes Dams
- Decommissioning of Phase 1 of the H:H Slimes Dam
- Development and Expansion of the Site Storm Water and Process Water Management Facilities:
  - o Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
  - o Development of the Morula PCD
  - o Expansion of Storm Water PCD No.1
  - o Development of Storm Water PCD No.2
  - o Development of Storm Water PCD No.3
  - o Development of Storm Water PCD No.4
  - o Expansion of the OB Plant Process Water Dam
  - o Expansion of the Plant Process Water Dam
  - o Expansion of the CRP Process Water Dam
- Decommissioning of the Morula Dewatering Dam
- Development of a New Salvage Yard
- Expansion of the Tap Hole Fume Extraction System

2005/039663/07

- Expansion of the Finished Product Plant Dust Abatement System
- Expansion of the Herculic Tailings Storage Facility (TSF)
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Slag Sand at the Fine Slag Processing Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping and Environmental Impact Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

The project for which this Application is submitted, relates to the EIA Authorisation in terms of NEMA for listed activities, an EMPR Amendment (NW 30/5/1/2/3/2/1/(308) EM & NW 30/5/1/2/3/2/1/(396) EM) in terms of the MPRDA, a Waste Management Licence in terms of NEMWA, an Amendment to the Water Use Licence and Applications for new water uses in terms of NWA and lastly an amendment to their AEL in terms of the NEMAQA.

This Application Form consists of 25 pages and six Appendices, namely:

- Appendix 1: Declaration of Independence and Curriculum Vitae Of EAP
- Appendix 2: Project Locality Maps
- Appendix 3: Environmental Authorisations For Herculic Ferrochrome (Pty) Ltd
- Appendix 4: New Proposed Activities Site Plans
- Appendix 5: Proof of Public Participation
- Appendix 6: Proof of Payment

Respectfully submitted,



Rene Rademeyer (Pr.Sci.Nat)

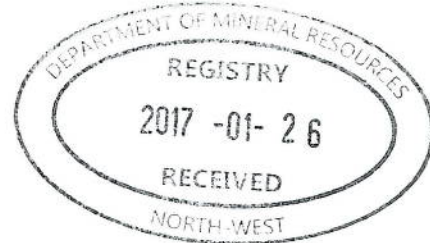
LET8920



JMA Ref: 10462/RR02

26 January 2017

The Regional Manager  
Mine Environmental Management  
North West Region  
Department of Mineral Resources (DMR)  
KLERKSDORP  
2571



**ATTENTION: MR CHRISTOPHER TSHISEVHE**

**DELIVERED BY HAND**

**HERNIC FERROCHROME (PTY) LTD**

**Application Form for Environmental Authorisations in terms of the National Environmental Management Act, 1998 and the National Environmental Management Waste Act, 2008 in Respect of Listed Activities that have been triggered by applications in terms of the Mineral And Petroleum Resources Development Act, 2002 (MPRDA) (As Amended).**

**ACKNOWLEDGEMENT OF RECEIPT**

Receipt is hereby acknowledged of **1 HARD COPY** of the Application for Environmental Authorisation which relates to the EIA Authorisation in terms of NEMA for listed activities, an EMPR Amendment (NW 30/5/1/2/3/2/1/(308) EM & NW 30/5/1/2/3/2/1/(396) EM) in in terms of the MPRDA, a Waste Management Licence in terms of NEMWA, an Amendment to the Water Use Licence and Applications for new water uses in terms of NWA and lastly an amendment to an AEL in terms of the NEMAQA.

**Delivered by:**

**Received by:**

Michael Lombard  
NAME: Lombard  
JMA Consulting (Pty) Ltd

Makete  
NAME:  
For and on behalf of DMR

Date: 26 January 2017

Date: 26/01/2017

Time: 10:30  
LET8920 AoR

Time: 10H30

ACKNOWLEDGEMENT OF DOCUMENTS RECEIVED

REGISTRY KLERKSDORP OFFICE

Applicant /Holder of Right: Hevnic Ferrohorne (Pty) Ltd

File No: NW 30/5/1/ 26/308 MR NW 30/5/1/ 2/3/2/1/ 308 EM 396 MR

File No : NW 5/3/2/..... NW 6/2/2/.....

CHECKLIST: MINERAL LAW ADMINISTRATION

- Joint venture agreement / Bee
Proof Of Consultation with Landowner/Interested/Affected Parties
Other Amended Environmental Authorisation

CHECKLIST: MINE ENVIROMENTAL MANAGEMENT

- 1 Original + ..... Copies ( Scoping Report / EMP/BAR / EIA)
Closure application
Memorandum Agreement
Itemisation as required in terms of Section 24 P(3) of NEMA
Letter from the Bank : Financial Provision
Bank Guarantee

Receipt of the above-mentioned documentation is hereby acknowledged and the responsible sub-directorate will revert back to you once the documents has been assessed.

REGISTRY OFFICIAL .....

CLIENT SIGNATURE .....

COPY TO BE PROVIDED TO CLIENT



**APPENDIX 6.5(B)**

**PROOF OF LETTER OF INTENT SUBMITTED TO DWS**

DRAFT



JMA Ref: 10462/ST/10

26 January 2017

**Department of Water and Sanitation**

Hartbeespoort Regional Office  
Private Bag X357  
Hartbeespoort  
0216

Email: bopapet@dws.co.za

Attention: Thabakgolo Bopape

**NOTICE OF INTENT TO SUBMIT AN INTEGRATED WATER USE LICENCE AND  
AMENDMENT APPLICATION**

Dear Sir,

**1. INTRODUCTION**

Hernic Ferrochrome (Pty) Ltd owns and undertakes a combined mining and beneficiation operation, located some 7 km to the south-east of Brits in the North West Province of South Africa. This operation, referred to as the HERNIC Operation, commenced in May 1996 and has expanded significantly over the past 20 years.

As the HERNIC operation has expanded and been upgraded, it has applied for and obtained the relevant Environmental Authorizations, as and when required. HERNIC currently operates under approved Environmental Management Programme Report(s) (EMPR's) and also holds a Water Use Licence (WUL), an Atmospheric Emission Licence (AEL), approved Environmental Impact Assessment (EIA) authorizations as well as several permits and contracts.

HERNIC wishes to further expand its operations and undertake certain activities from a water and waste management perspective. These proposed activities will form part of the *Environmental Master Plan* being developed for HERNIC, which will lead to improved water and waste management practices implemented on site. These expansions will also trigger certain listed activities and defined water uses, for which the associated applications for environmental authorisations (including the WUL) will be required.

Based on the nature of the proposed activities, the necessary applications are required to be supported by *inter alia* a Scoping and Environmental Impact Report (S&EIR) process, as defined in Regulations 21, 22, 23 and 24 of the EIA Regulations 2014 – GNR 982 of 04 December 2014. In view of the fact that the HERNIC operation includes mining operations, the administrative process to be followed is that of the “*Single Environmental System*” process, with the Department of Mineral Resources (DMR) being the Competent Authority.

The integrated Water Use Licence and Amendment application will be made as part of the “*Single Environmental System*” process and will be submitted to the Department of Water and Sanitation (DWS) directly as detailed in this notice.



## 2. INTEGRATED WUL APPLICATION

Hernic Ferrochrome (Pty) Ltd was issued with a WUL for its HERNIC (Morula) operations on 18 December 2015 (Licence No. 03/A21J/ABGJ/4196). The WUL issued to HERNIC authorizes several water uses defined in terms of Section 21(a), 21(b), 21(g) and 21(j) of the National Water Act (Act No. 36 of 1998). The following water uses are authorised in the WUL:

### **Section 21(a) of the Act: *taking water from a water resource.***

- Abstraction of groundwater from the opencast and underground workings.
- Abstraction of surface water from the Hartbeespoort Irrigation Canal.
- Abstraction of groundwater from borehole BH-1.
- Abstraction of groundwater from borehole HER-MA.
- Abstraction of groundwater from borehole HER-MB.

### **Section 21(b) of the Act: *storing water.***

- Storage of water in the Drinking Water Dam.

### **Section 21(g) of the Act: *disposing of waste in a manner which may detrimentally impact on a water resource.***

- Disposal of waste rock onto the Waste Rock Dumps.
- Disposal / Backfilling of waste rock into the old Opencast Pits.
- Disposal of slag onto the Slag Dump.
- Disposal of tailings onto the Tailings Storage Facility (TSF).
- Disposal of Slimes onto the Historic Slimes Dams (1 and 2). (Note: Currently not operational)
- Disposal of Slimes onto the H:H Slimes Dam. (Note: Currently not operational)
- Containment of groundwater abstracted from the underground workings in the Morula Dewatering Dam. (Note: Will be replaced by the proposed Morula Pollution Control Dam)
- Containment of process water in the CRP Dirty Water Dam. (Note: Will be expanded to the proposed CRP Process Water Dam)
- Containment of process water in the Plant Process Water Dam. (Note: Will be expanded to the proposed Plant Process Water Dam)
- Containment of dirty water runoff in the Plant Storm Water Pollution Control Dam. (Note: Will be expanded to the proposed Storm Water Dam No. 1)
- Containment of process water in the OB Plant Return Water Dam. (Note: Will be expanded to the proposed OB Plant Process Water Dam)
- Containment of process water in the H:H Slimes Dam Return Water Dam.
- Containment of process water in the TSF Return Water Dam.

### **Section 21(j) of the Act: *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.***

- Abstraction of groundwater from the opencast workings.
- Abstraction of groundwater from the underground workings.

The WUL as it currently stands contains several unintentional errors and omissions and some of the conditions and limits specified in the WUL have also changed due to additional work being done since the initial WUL application. The current WUL will as a result need to be amended.

The application to amend the current WUL is provided for in terms Section 50(1)(a) of the National Water Act (Act No. 36 of 1998) which states that “(1) A responsible authority may amend or substitute a licence condition - (a) if the licensee or successor in title has consented to or requested the amendment or substitution;” as well as Section 52(1) which states that “(1) A licensee may, before the expiry date of a licence, apply to the responsible authority for the renewal or amendment of the licence”.

The WUL application which will be submitted to the DWS will therefore be an integrated application in that it will 1) apply for the current WUL to be amended and will 2) include an application to authorize the proposed and unlicensed water uses on site in the updated WUL.

The application to licence the new water uses will be made in terms of Section 40 of the National Water Act (Act No. 36 of 1998). The proposed / unauthorized water uses which will be applied for to be licensed include the following:

**Section 21(a) of the Act: *taking water from a water resource.***

- The abstraction of groundwater from the Mining Borehole.
- The abstraction of groundwater from the Admin Borehole.
- The abstraction of groundwater from a borehole for groundwater remediation.

**Section 21(c) of the Act: *impeding or diverting the flow of water in a watercourse.***

- The operation of the Tailings Storage Facility within the extent of an unnamed non-perennial tributary of the Crocodile River.

**Section 21(g) of the Act: *disposing of waste in a manner which may detrimentally impact on a water resource.***

- Containment of groundwater abstracted from the underground workings in the Morula Pollution Control Dam. (Proposed Facility – will replace the current Morula Dewatering Dam)
- Containment of dirty water runoff in the Storm Water Silt Trap. (Proposed Facility)
- Containment of dirty water runoff in the Storm Water Pollution Control Dam No.1. (Proposed Facility – expansion of and will replace the current Plant Storm Water Pollution Control Dam)
- Containment of dirty water runoff in the Storm Water Pollution Control Dam No.2. (Proposed Facility)
- Containment of dirty water runoff in the Storm Water Pollution Control Dam No.3. (Proposed Facility)
- Containment of dirty water runoff in the Storm Water Pollution Control Dam No.4. (Proposed Facility)
- Containment of dirty water in the OB Plant Process Water Dam. (Proposed Facility – expansion of and will replace the current OB Plant Return Water Dam)
- Containment of process water in the Plant Process Water Dam. (Proposed Facility – expansion of and will replace the current Plant Process Water Dam)

- Containment of dirty water in the CRP Process Water Dam. (*Proposed Facility – expansion of and will replace the current CRP Dirty Water Dam*)
- Disposal of tailings onto the Tailings Storage Facility Expansion. (*Proposed Facility*)
- Containment of Sludge in the Mine Sewage Treatment Plant Sludge Drying Beds.
- Containment of Sludge in the Alloys Sewage Treatment Plant Sludge Drying Beds.
- The use of dirty water for Dust Suppression on all internal Access and Haul Roads.

**Section 21(i) of the Act: *altering the beds, banks, course or characteristics of a watercourse.***

- The operation of the Tailings Storage Facility within the extent of an unnamed non-perennial tributary of the Crocodile River.

The applications will be made, as provided for in the National Water Act (Act No. 36 of 1998) and in association / communication with the DWS Hartbeespoort Regional Office.

**Based on the nature of the application, it is expected that ONE (1) updated WUL will be issued, which will include the corrected/amended conditions as well as the proposed and unauthorized water uses which will be applied for to be licensed.**

### 3. APPLICATION TIMELINE

In support of and in line with the S&EIR Process, the following important dates should be noted with regards to the proposed integrated Water Use Licence and Amendment application, which will be submitted to the DWS.

Submission of the Environmental Authorisation (EA) application in terms of the NEMA and NEMWA to the DMR (Start of Process)	26 January 2017
Submission of Notice of Intent to submit an integrated Water Use Licence and Amendment application to the DWS ( <b>This Letter</b> )	26 January 2017
Notice of Intent ( <b>This Letter</b> ) to be acknowledged by the DWS ( <i>within 10 days of submission</i> )	06 February 2017
Site Inspection and Permission to Proceed ( <i>30 days after Notice of Intent Acknowledgement by DWS</i> )	08 March 2017
Pre-Application Consultation Meeting with the DWS regarding the integrated Water Use Licence and Amendment application	(Same day as Site Inspection)
Submission of the integrated Water Use Licence and Amendment application to the DWS	Mid to End June 2017
WUL Recommendations made by the DWS	Mid October 2017
Meeting(s) between the DMR and DWS ( <i>within 20 days of DWS Recommendations</i> )	Start to Mid November 2017
WUL Decision made by the DWS ( <i>300 days after EA Application submitted to DMR</i> )	Start to Mid December 2017

A copy of the S&EIR Process is attached as APPENDIX I for reference purposes.

#### 4. WAY FORWARD

The DWS is required to formally acknowledge this Notice of Intent to submit an integrated Water Use Licence and Amendment application on or before 06 February 2017. The DWS is thereafter further required to undertake a site inspection within 30 days from the date of acknowledgment and grant permission for the application to proceed.

It is proposed that the Pre-Application Consultation Meeting be held with the DWS on or prior to the date of the site inspection, so that the nature of the WUL application is comprehensively addressed and communicated with the DWS.

The Pre-Application Consultation Meeting will provide an opportunity to provide the DWS with an overview of the HERNIC operations, to provide the DWS with clarity regarding the nature of the integrated Water Use Licence and Amendment application as well as the details of each of the individual water uses which will be applied for to be authorised and amended.

The integrated Water Use Licence and Amendment application will be submitted to the DWS Hartbeespoort Regional Office between the middle and end of June 2017. This application will be submitted along with the required application forms and supporting technical documentation, including *inter alia* the updated Integrated Water and Waste Management Plan (IWWMP).

This IWWMP will include the updated Water and Salt Balance, Rehabilitation Strategy and Implementation Plan (RSIP), Storm Water Management Plan (SWMP), Water Conservation and Water Demand Management (WC/WDM) Plan, Source of Nitrate Pollution Assessment and Groundwater Remediation Plan as required by the DWS. Although the specified timeline has not been met for some of the components, the submission of the updated documentation in June 2017 (as opposed to December 2016), will ensure that the abovementioned components of the IWWMP comprehensively address each of the current as well as the proposed activities which form part of the Environmental Master Plan that is being developed for HERNIC.

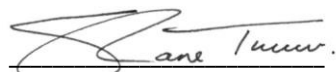
The DWS will as a result receive a comprehensive description of the current as well as the proposed operations at HERNIC (including the current and proposed water uses), from which to assess the integrated Water Use Licence and Amendment application. This has been discussed with the DWS at a previous, project initiation meeting which was held on 28 November 2016. The submission of the updated information at the same time will also ensure that the correct documentation is being referred to throughout the application and assessment process.

#### 5. GENERAL

We trust that you will find this in order and anticipate an acknowledgement of this Notice of Intent to submit an *integrated Water Use Licence and Amendment application* by the DWS on or before 06 February 2017, followed by a proposed date(s) for the Site Inspection and Pre-Application Consultation Meeting.

Please contact me at any time for further clarification.

Respectively submitted,

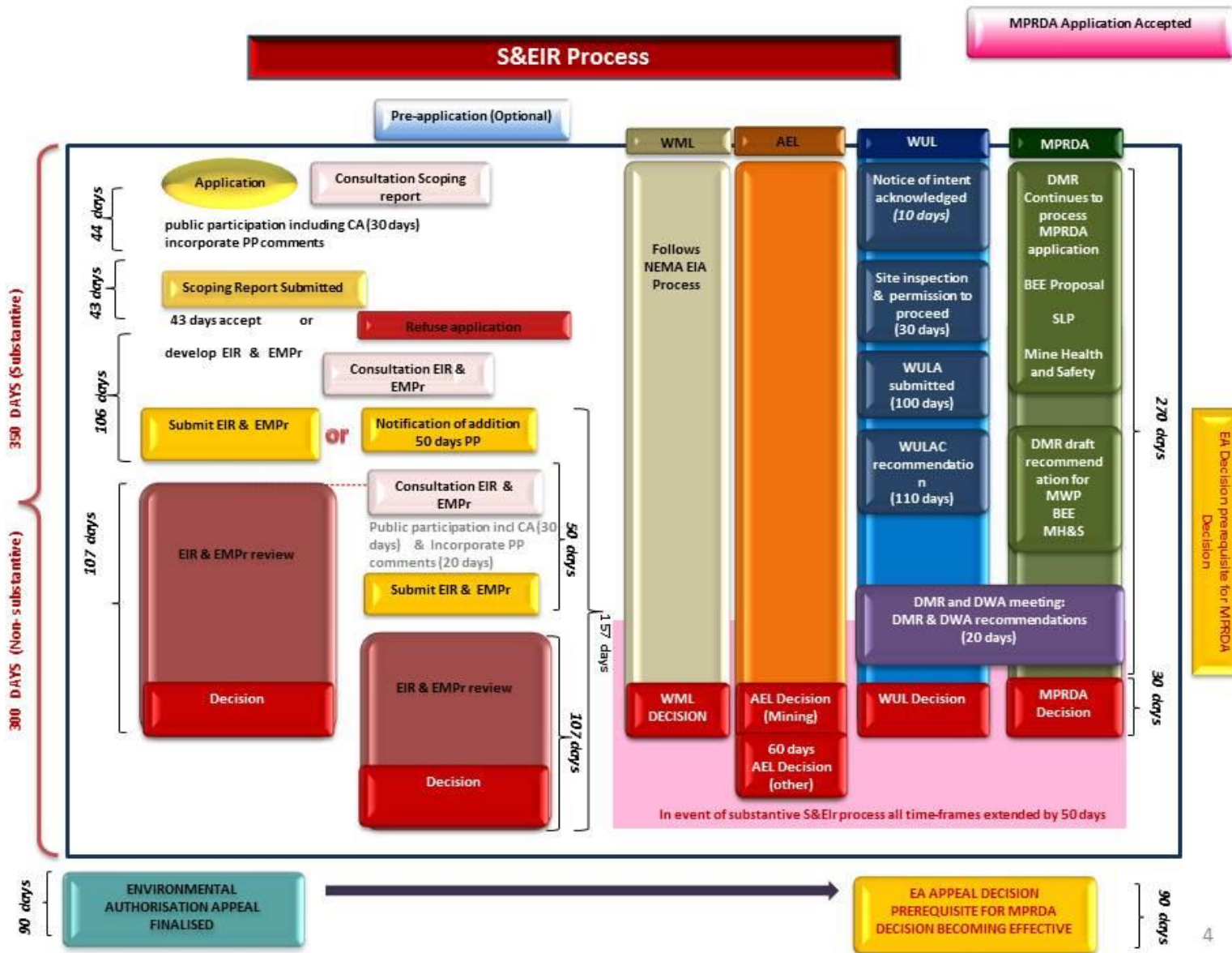


Shane Turner (Pr.Sci.Nat.)

LET8918

**APPENDIX I**  
**SUMMARY OF THE S&EIR PROCESS**







JMA Ref: 10462/ST/10

26 January 2017

**DELIVERED BY HAND**

**Department of Water and Sanitation**  
Hartbeespoort Regional Office  
Private Bag X357  
Hartbeespoort  
0216

Attention: Thabakgolo Bopape

**ACKNOWLEDGEMENT OF RECEIPT**

**SUBMISSION OF:  
NOTICE OF INTENT TO SUBMIT AN INTEGRATED WATER USE LICENCE  
AND AMENDMENT APPLICATION**

Receipt of the *Notice of Intent to submit an integrated Water Use Licence and Amendment application to the Department of Water and Sanitation* is hereby acknowledged.

Delivered by:

Received by:

Shane Turner  
NAME: SHANE TURNER  
JMA Consulting (Pty) Ltd

C. Theunissen  
NAME:  
Department of Water and Sanitation

Date: 26/01/2017

Date: 26/1/2017

Time: 08:00

Time: 8:00

LET8918 AOR

NW REGION  
INSTITUTIONAL  
ESTABLISHMENT  
DEPARTMENT OF WATER AND SANITATION  
HARTBEEPOORT

2017 -01- 26

LAFAPHA LA MEBERO YA METSI  
DEPARTEMENT VAN WATERWESE  
PRIVAATSAK: X357  
PRIVATE BAG: HARTBEEPOORT  
KGETSANAPOSO: 0216

**APPENDIX 6.6(A)**

**PUBLIC MEETING SLIDE SHOW**

DRAFT



Sustainable Environmental Solutions  
through integrated  
Science and Engineering



## **HERNIC FERROCHROME (PTY) LTD**

### **ENVIRONMENTAL AUTHORIZATION**

in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management: Air Quality Act (NEMAQA), as well as the National Water Act (NWA)

DMR Reference Numbers:

NW 30/5/1/2/3/2/1/(308) EM & NW 30/5/1/2/3/2/1/(396) EM

### **SCOPING PHASE PUBLIC MEETING**

**27 JANUARY 2017, 11:00**

**Hernic Ferrochrome Admin Lapa**



**WELCOME**

**BY**

**HERNIC FERROCHROME (PTY) LTD**



## WELCOME

BY

**RIAN GROBBELAAR**  
**(JMA Consulting - Appointed  
Environmental Assessment Practitioner - EAP)**



## MEETING RULES

- 1) Formal process - Please take part;
- 2) EAP and Project team are Independent Consultants;
- 3) Language of Presentation – English;
- 4) Please feel free to communicate in your own Language;
- 5) Proceedings will be Recorded;
- 6) Introduction presentation only - Questions directly after Presentation;
- 7) State your Name and Affiliation at the outset of your question/statement;
- 8) Make sure your Question is well understood;
- 9) Opportunity to write down Concerns after discussion;
- 10) Write Name & Designation with questions / concern;
- 11) Please complete the Attendance Register.

## HERNIC FERROCHROME (PTY) LTD



### AGENDA

- Welcome and Meeting Rules
- Presentation
- Questions/Discussion after Presentation
- Closure

## HERNIC FERROCHROME (PTY) LTD



### PRESENTATION

- The Hernic Ferrochrome (Pty) Ltd Project
- The Scoping and Environmental Impact Reporting (S&EIR) Process
- The Public Participation Process (PPP)
- The Draft Scoping Report

## DETAILS OF THE APPLICANT



Name of Company	HERNIC FERROCHROME (Pty) Ltd
Trading Name	HERNIC FERROCHROME (Pty) Ltd
Registration Number	1994/008293/07
Date Established	1994
Country Established	South Africa
VAT Registration Number	4870146521
Physical Address	R/E of Portion 103, De Kroon 444 JQ

Contact Person	Elzanne Moodie
Telephone Number	+ 27 12 381 1118
Cellphone Number	+ 27 82 444 9106
Facsimile Number	+ 27 12 381 1111
Email Address	elzanne.moodie@hernic.co.za
Postal Address	P O Box 4534, BRITS, 0250

## REGIONAL LOCALITY



## BACKGROUND TO PROJECT



- Heric Ferrochrome (Pty) Ltd has been in operation since May 1996.
- The Operations comprise of:
  - Mining of Chromite Ore (initially opencast and then later from underground),
  - Ore beneficiation to yield feedstock chromite concentrate and lumpy ore,
  - Pelletizing and Sintering of the fine ore, and
  - Ferrochrome Smelting in four closed Furnaces.
- Several Chrome Recovery operations from chromite containing slag are also active on the site.



## BACKGROUND TO PROJECT



- As the site expanded and was upgraded since 1996, Hercul Ferrochrome (Pty) Ltd has applied for, and obtained, the required Environmental Authorizations (EA). It currently operates under an approved Environmental Management Programme (EMPR), which was amended as recently as 2016.
- **THIS PROJECT:** Hercul Ferrochrome (Pty) Ltd wishes to:
1. Consolidate all the approved EMPR's relevant to the site,
  2. Decommission, Develop and Expand activities to their current mining and smelting operations.

## DECOMMISSIONING OF TWO HISTORIC SLIMES DAMS











# RE-USE (SCREENING, STOCKPILING, INTERNAL USE AND /OR SELLING) OF FINE SLAG AT THE FINE SLAG PROCESSING PLANT



**LEGEND**

- Fine Slag Recovery Plant Area

JMA CONSULTING (PTY) LTD.  
 10001 10th Avenue, Johannesburg, 2001  
 011 431 1000  
 011 431 1001  
 011 431 1002  
 011 431 1003  
 011 431 1004  
 011 431 1005  
 011 431 1006  
 011 431 1007  
 011 431 1008  
 011 431 1009  
 011 431 1010  
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 011 431 1013  
 011 431 1014  
 011 431 1015  
 011 431 1016  
 011 431 1017  
 011 431 1018  
 011 431 1019  
 011 431 1020

WCS/14 1/021  
 Date Compiled March 2018  
**Fine Slag Recovery Plant**

JMA Consulting (Pty) Ltd All rights reserved Confidential

# RE-USE (SCREENING, STOCKPILING, INTERNAL USE AND /OR SELLING) OF MINE WASTE ROCK AT THE MINE WASTE ROCK STOCKPILE



**LEGEND**

- Conveyor
- Mine Waste Rock Area

JMA CONSULTING (PTY) LTD.  
 10001 10th Avenue, Johannesburg, 2001  
 011 431 1000  
 011 431 1001  
 011 431 1002  
 011 431 1003  
 011 431 1004  
 011 431 1005  
 011 431 1006  
 011 431 1007  
 011 431 1008  
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 011 431 1016  
 011 431 1017  
 011 431 1018  
 011 431 1019  
 011 431 1020

WCS/14 1/021  
 Date Compiled March 2018  
**Mine Waste Rock Dump**

JMA Consulting (Pty) Ltd All rights reserved Confidential

## LEGAL FRAMEWORK



- This Project requires EA's in terms of the provisions of the:
  1. Mineral and Petroleum Resources Development Act (MPRDA),
  2. National Environmental Management Act (NEMA),
  3. National Environmental Management: Waste Act (NEMWA),
  4. National Environmental Management: Air Quality Act (NEMAQA),
  5. National Water Act (NWA).

## LEGAL FRAMEWORK



- **Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) – MPRDA**
  - Section 102: Amendment of an EMPR

## LEGAL FRAMEWORK



- **National Environmental Management Act, 1998 (Act No 107 of 1998) – NEMA**
  - Activity 9, 10, 12, 13, 22, 27, 34, 45, 46, 48, 50 in Listing Notice 1 (GNR 983)

## LEGAL FRAMEWORK



- **National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) – NEMWA**
  - Activity 13 and 14 Category A (GNR 921)
  - Activity 2 & 7 Category B (GNR 921)

## LEGAL FRAMEWORK



- **National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) – NEMAQA**
  - Section 49 – Variation of an Air Emission Licence (AEL)

## LEGAL FRAMEWORK



- **National Water Act, 1998 (Act No. 36 of 1998) – NWA**
- Amend the current Water Use Licence (WUL) in terms of Section 50(1)(a) & 52(1)
- Application for New Water Uses in terms of Section 40:
  - Section 21(a)
  - Section 21(c)
  - Section 21(g)
  - Section 21(i)



## DIFFERENT PHASES OF THE S&EIR PROCESS



In the S&EIR Process there are **5 Phases**:

- Pre-Application Phase
- Scoping Phase
- Environmental Impact Assessment (EIA) Phase
- Consideration and Decision Phase
- Appeal Phase

## DIFFERENT PHASES OF THE S&EIR



### Pre-Application Phase:

- Appointment of EAP by Applicant
- Determination of Type of Application
- Identification of the Competent Authority (**DMR**)
- Pre-Application Discussion with the Competent Authority  
(01 November 2016 with DMR)
- Identify and Notify Property/Land Owners
- Submit Application to Competent Authority  
(26 January 2017 to DMR in Klerksdorp)
- Notification of Decision on Application (15 days after submission of Application)

## DIFFERENT PHASES OF THE S&EIR



### Scoping Phase:

- Initiate and Conduct Public Participation Process (PPP)
- Compile Notification and Information Documents
- Notify all I&AP's of Project and Meetings (Newspapers, Site Notices, Letters, etc.)
- Written Notification to Relevant Regulating Authorities
- Compilation of Scoping Report as per Regulations, Guidelines and Templates
- Scoping Phase Public Meeting (**Today: 27 January 2017**)
- Make Draft Scoping Report available for Review (**Today: 27 January 2017 for a period of 30 days**)
- Capture and Consider Comments from I&AP's and Relevant Authorities
- Finalize and Submit Scoping Report to Authorities (*44 days after Application was received by CA*)
- Authority Review & Decision (*43 days*)
- Notification of Decision on Final Scoping Report

## DIFFERENT PHASES OF THE S&EIR



### Environmental Impact Assessment Phase:

- Commence to Implement Plan of Study
- Continue Public Participation Process (PPP)
- Finalise Specialist Studies and Reports
- Prepare EIA Report (EIAR); comprising EIA & EMPr as per Regulations, Guidelines and Templates
- EIA/EMP Phase Public Meeting (*to be confirmed – 14 June 2017*)
- Make Draft EIAR available for Review (**15 June 2017**)
- Capture and Consider Comments from I&AP's and Relevant Authorities
- Finalize and Submit EIAR to I&AP's and Authorities (*106 days after Acceptance of Scoping Report by CA*)



## DIFFERENT PHASES OF THE S&EIR



### Consideration and Decision Phase:

- Authority Review & Decision
- Notification of Decision on the Final EIAR
- Granting of Environmental Authorization (*107 days after receipt of Final EIAR by CA*)
- Inform I&AP's of Decision/Approval and of Opportunity to Appeal

## DIFFERENT PHASES OF THE S&EIR



### Appeal Phase:

- May Appeal against an Administrative Decision by DMR
- Appeal to be lodged in terms of the National Appeal Regulations GNR 993 of 08 December 2014 in terms of the National Environmental Management Act, 1998 (Act No.107 of 1998), as amended.

## THE SCOPING REPORT



- A Scoping Report was compiled in support of this Process.
- The contents of the Scoping Report are prescribed in the NEMA Regulations.
- The Draft Scoping Report will now be submitted to all relevant stakeholders for review and consideration for a period of **30 days**.
- After the review period has expired all comments that were received will be included and addressed in the Final Scoping Report.
- The Final Scoping Report will then be submitted to the DMR Office in Klerksdorp for review and approval.
- The Final Scoping Report will at the same time also be made available to all Registered I&AP's on request.
- This Public Participation Process is intended to facilitate your inputs into this Process.

## THE SCOPING REPORT



- **Chapter 1:** Introduction and Terms of Reference
- **Chapter 2:** Details of the EAP
- **Chapter 3:** Location of the Activity
- **Chapter 4:** Scope of overall Hemic Activities
  - Current Activity Infrastructure And Process
  - Proposed New Activities/Expansions/Upgrades
- **Chapter 5:** Policy and Legislative Context
- **Chapter 6:** Need and Desirability of the Project
- **Chapter 7:** Period of Environmental Authorisation Required

## THE SCOPING REPORT



- **Chapter 8:** Selection of Preferred Activity, Site and Location
  - Alternatives Considered
  - Environmental Base Line Descriptions – Type of Environment Affected
  - Potential Impacts Associated with new Activities
  - Outcome of Site Selection Matrix
- **Chapter 9:** Plan of Study
- **Chapter 10:** Information required by the CA
- **Chapter 11:** Requirements in terms of Section 24(4)(A) and (B) of the Act
- **Chapter 12:** Undertaking by the EAP – Correctness of Information
- **Chapter 13:** Undertaking by the EAP – Plan of Study Level of Agreement

## THE PPP PROCESS



### What happened to date:

- Compiled Stakeholder Data Base
- Pre-Application Discussions with DMR & DWS (01 November 2016 & 28 November 2016)
- Notice of Application and Public Meeting – Notification Letter, Newspaper Advertisements and Site Notices (12/13 January 2017)
- EA Application submitted to DMR (26 January 2017)
- Notice of Intent to submit WUL Application to DWS (26 January 2017)
- Public Meeting (Today: 27 January 2017)



## THE NEXT PPP PHASE COMMENTS ON SCOPING REPORT

### Still to happen:

- Distribute Draft Scoping Report to I&AP's and Authorities for review period of 30 days
- Reports will be submitted to the following Authorities:
  - Department of Water and Sanitation (DWS - Hartbeespoort)
  - Rural, Environmental and Agricultural Development (READ - Rustenburg)
  - Department of Environmental Affairs (DEA – Pretoria)
  - Local Municipality of Madibeng
- Reports will be available at the following venues:
  - Madibeng (Brits) Local Library
  - Heric Ferrochrome Main Entrance
  - JMA website: [www.jmaconsult.co.za](http://www.jmaconsult.co.za)



## THE NEXT PPP PHASE FINALISE SCOPING REPORT

### Still to happen:

- Capture Comments and Issues
- Finalize Scoping Report
- Submit Final Scoping Report to Authorities
- Expect feedback from Authorities on Scoping Report – Beginning of May 2017

## DISCUSSION



- Please state your name and affiliation prior to asking your question.
- Your name and question will be minuted.
- If possible your question will be answered at the meeting.
- If you are satisfied with the answer it will be minuted, captured in the Issues and Response Register and your query will be considered as settled/concluded.
- If your question cannot be answered at the meeting, it will be minuted, captured in the Issues and Response Register, and will be formally attended to during the finalization of the EIAR.
- You can also submit your query in writing at the end of the meeting or post it to JMA Consulting,  
P O Box 883, Delmas, 2210, or alternatively;
- Fax to (013) 665 2364 or;
- e-mail to: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)
- All written queries/concerns/comments received will be acknowledged and will then be captured and responded to in the Issues and Response Register.
- The Issues and Response Register will be amended as the project continues and will be appended as an APPENDIX to the EIAR as a separate Public Participation Report.

**THANK YOU FOR YOUR ATTENDANCE**

**YOUR CONTRIBUTION AND INPUT IS  
VALUED**



Sustainable Environmental Solutions  
through integrated  
**Science and Engineering**



## **CONTACT DETAILS**

**JMA CONSULTING (PTY) LTD**

**P.O. BOX 883**

**DELMAS 2210**

**TEL: 013 665 1788**

**FAX: 013 665 2364**

**e-mail: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)**

**DOWNLOAD FROM WEB SITE:**

**<http://www.jmaconsult.co.za>**

**Public Participation**

**Hernic Ferrochrome Scoping**

**APPENDIX 6.7(A)**

**SCOPING PHASE PUBLIC MEETING ATTENDANCE REGISTER**

DRAFT



# JMA Consulting (Pty) Ltd

15 Vickers Street  
Delmas  
P O Box 883  
Delmas, 2210  
Tel (013) 665 1788  
Fax (013) 665 2364

*Sustainable Environmental Solutions through integrated Science and Engineering*

## ATTENDANCE REGISTER

**PROJECT: HERNIC FERROCHROME - Scoping and Environmental Impact Reporting**

**(S&EIR) Process**

**VENUE: HERNIC Ferrochrome Admin Lapa**

**Public Meeting: Scoping Phase Public Meeting**

**DATE & TIME: 27 January 2017; 11h00**

Nr	Name	Representing	Postal Address	Fax number	Contact Details	E-mail address	Sign
1	Riaan Grobelaar	JMA Consulting	PO Box 883, Delmas, 2210	013 665 2364	Tel: 013 665 1788	<a href="mailto:riaan@jmaconsult.co.za">riaan@jmaconsult.co.za</a>	
2	Jasper Muller	JMA Consulting	PO Box 883, Delmas, 2210	013 665 2364	Tel: 013 665 1788	<a href="mailto:jasper@jmaconsult.co.za">jasper@jmaconsult.co.za</a>	
3	Rene Rademeyer	JMA Consulting	PO Box 883, Delmas, 2210	013 665 2364	Tel: 013 665 1788	<a href="mailto:rene@jmaconsult.co.za">rene@jmaconsult.co.za</a>	
4							
5							
6							
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8							
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# JMA Consulting (Pty) Ltd

15 Vickers Street  
 Delmas  
 P O Box 883  
 Delmas, 2210  
 Tel (013) 665 1788  
 Fax (013) 665 2364

Sustainable Environmental Solutions through integrated Science and Engineering

Nr	Name	Representing	Postal Address	Fax number	Contact Details	E-mail address	Sign
27	Habog James Janssens	BRMA Dorp Agriculture	Q1 ESKRIBSUITER 71 Buss X 5015 Budo, 0850	086658240 (013) 2523993	0712342262	nkfm@gmail.com	
29	Wendy Wendy	Self	P.O. Box 166 R.R. 1, TS	086 5631582	0825544582	etvouw@elfg.com	
30	R. Kala Isaac	Damouville Damosville SKRCCO	985 EX12 Damosville		0823539110	rodajstulaweg@gmail.com	
31	Isaac	Bomaba CPDF	78 2nd Avenue Sibolep 0002		0725906170	isaac.majun@11@gmail.com	
32	Abrey O. Mogane	Bomaba CPDF	78 2nd Avenue Sibolep 0002		0737041927	Boymajun@CPDF@gmail.com	
33	Edkutha Sesepuic	Damosville Unemployment Damosville	722 zeta Damosville		0646490915	H/n	
34	Esabelle Relebeqile	Damosville Unemployment	156 JASON TN Damosville		012950 1523	relebeq@gmail.com	
35	WPHO	DEKROON	Fall 6 DEKROON		0820402393		
36	Masvize	DEKROON	Fall 6 DEKROON		0640752325		
37	LESEGO	DEKROON	Fall 6 DEKROON		0827215193	lesego.segale@gmail.com	
38	THABISA	DEKROON	Fall 6 DEKROON		0757990951		
39	Imocetia	DEKROON	Fall 6 DEKROON		0634787851		
40	Sophy	DEKROON	Fall 6 DEKROON		0826971011	Sofing@tpm.gov.za	
41	Cinta	Bethanie	0028 B Gast		0717528729		



# JMA Consulting (Pty) Ltd

15 Vickers Street  
Delmas  
P O Box 883  
Delmas, 2210  
Tel (013) 665 1788  
Fax (013) 665 2364

Sustainable Environmental Solutions through integrated Science and Engineering

Nr	Name	Representing	Postal Address	Fax number	Contact Details	E-mail address	Sign
27	Isabelo	Damonsville	THS EX2		0112224424		
28	Foyon	Damonsville	41 Jansingh St		013 952 1161		
29	CONCIANTE	Damonsville	159 Steadman		011 083 0941		
30	Fikile	KHUMA	937 EXT2 Damons		076 733 7601	makopengwa@gmail	
31	Eloa	DAMONSVILLE	753 EXT2		079 180 6276		
32	Innocentiq	Youth Forum	F299 De Kroon		063 478 7851		
33	PETER	ward committee	S92 MORISTUNGS		082 676 8250		
34	Michael	EXT2 Secretary	3643 EXT2		07212465582	/	
35	KOMEN	ward committee	3579 EXT2		071 714 0895		
36	Khama	Moddele	Hennie Kuchmant		0123611100		
37	Alahegan	De Kroon	2806 Brits		052374 0022		
38	Ralegan	De Kroon	2545 Brits		0724609877		
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# JMA Consulting (Pty) Ltd

Sustainable Environmental Solutions through integrated Science and Engineering

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46	CONSISTENT	unemployment Damen'sville	159 STRAELERIN		071 089 0941		
47	FILIE KHUZA	unemployment DAMONSVILLE	937 EXT 2 DAMONSVILLE		076733760	malopomina@gmail.com	
48	Elvins		DAMONSVILLE		0781806276		
49	LOCHLAD	unemployment DAMONSVILLE	DAMONSVILLE		084 8364686		
50	M. Naidoo	Hermitic	Hermitic		0735627832	Moss.Naidoo@hermitic.co.za	
51							
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**APPENDIX 6.8(A)**

**MINUTES OF SCOPING PHASE PUBLIC MEETING**

DRAFT



## **HERNIC FERROCHROME (PTY) LTD**

### **Scoping Phase Public Meeting**

**DATE: 27 January 2017**

**TIME: 11:00**

**VENUE: Hernic Ferrochrome Admin Lapa**

### **MINUTES OF THE MEETING**

#### **1. Opening and Welcome**

Elzanne Moodie (EM; Head of Safety and Sustainable Development) from HERNIC Ferrochrome (Pty) Ltd (HERNIC) welcomed everyone on behalf of HERNIC to the meeting. EM briefly discussed the purpose of the meeting. EM explained the procedure to follow in the case of an emergency and indicated where the emergency exits are as well as the ablution facilities.

Riaan Grobbelaar (RG) from JMA Consulting (Pty) Ltd welcomed everyone on behalf of the appointed Environmental Assessment Practitioner (EAP; JMA Consulting). RG briefly discussed the purpose of the meeting, the meeting rules and the rules of engagement. RG introduced Jasper Muller (JM) who is the principal EAP.

JM welcomed everyone and started with the formal presentation which was presented as a power point slideshow to all the attendees.

A copy of the attendance register and presentation slides is attached as Appendix A to the minutes.

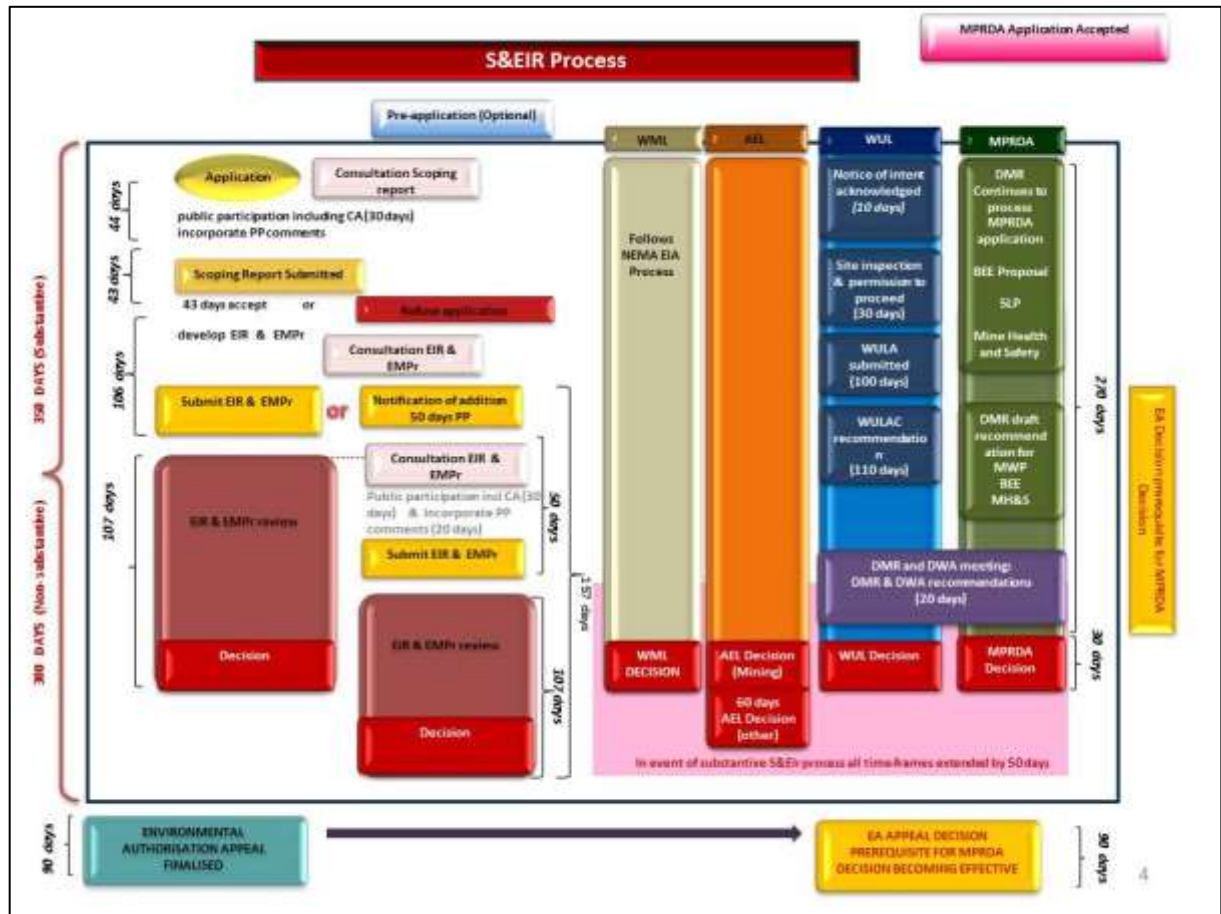
#### **2. Presentation to Meeting**

The following was covered in the presentation:

- Agenda
- The outline of the Presentation
- Details of the Applicant
- Regional Locality of the Project
- Background to the Project and Aerial Photograph of the Site
- Motivation for the Project
  - Consolidate all the Approved Environmental Management Programme Report (EMPR)'s relevant to the site

- New Activities to be Applied for which relates to the Decommissioning, Development and Expansion of several facilities at their current mining and smelting operations.
- Aerial Photographs of the New Activities to be Applied for:
  - Decommissioning of two Historic Slimes Dams
  - Decommissioning of Phase 1 of the H:H Slimes Dam
  - Development and Expansion of the Site Storm Water and Process Water Management Facilities:
    - Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
    - Development of the Morula PCD
    - Expansion of Storm Water PCD No.1
    - Development of Storm Water PCD No.2
    - Development of Storm Water PCD No.3
    - Development of Storm Water PCD No.4
    - Expansion of the OB Plant Process Water Dam
    - Expansion of the Plant Process Water Dam
    - Expansion of the CRP Process Water Dam
  - Decommissioning of the Morula Dewatering Dam
  - Development of a New Salvage Yard
  - Expansion of the Tap Hole Fume Extraction System
  - Expansion of the Finished Product Plant Dust Abatement System
  - Expansion of the Herculite Tailings Storage Facility (TSF)
  - Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Fine Slag at the Fine Slag Processing Plant
  - Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
  - Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile
- Legal Framework
  - This Project requires Environmental Authorisation (EA) in terms of the provisions of the:
    - Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) – MPRDA: Section 102 Amendment of an EMPR
    - National Environmental Management Act, 1998 (Act No. 107 of 1998) – NEMA: Activities 9, 10, 12, 13, 22, 27, 34, 45, 46, 48 and 50 in Listing Notice 1 (GNR 983 of 04 December 2014)
    - National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) – NEMWA: Activities 13 & 14 (Category A GNR 921 of 29 November 2013) and Activities 2 & 7 (Category B GNR 921 of 29 November 2013)
    - National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) – NEMAQA: Section 49 Variation of an Air Emission Licence (AEL)
    - National Water Act, 1998 (Act No. 36 of 1998) – NWA: Amend the current Water Use Licence (WUL) in terms of Section 50(1)(a) & 52(1) and Application for New Water Uses in terms of Section 40 (Section 21(a), Section 21(c), Section 21(g), Section 21(i)).
  - Applications have to be supported by a Scoping and Environmental Impact Assessment and Reporting (S&EIR) Process as provided for in the 2014 Environmental Impact Assessment (EIA) Regulations (GNR 982 of 04 December 2014).
  - Herculite operates as a Mine, therefore the administrative process is that of the “Single Environmental System” with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

- Newly promulgated regulations (GNR 982 of 04 December 2014) enforce a strict timeframe and require a decision by the CA within 300 days from the submission of the EA Application.
- Slide presenting the S&EIR Process TimeLine



- The Different Phases of the S&EIR Process

- 5 Phases

- Pre-Application Phase

- Appointment of EAP by Applicant
- Determination of Type of Application
- Identification of the Competent Authority (DMR)
- Pre-Application Discussion with the Competent Authority (01 November 2016 with DMR)
- Identify and Notify Property/Land Owners
- Submit Application to Competent Authority (26 January 2017 to DMR in Klerksdorp)
- Notification of Decision on Application

- Scoping Phase

- Initiate and Conduct Public Participation Process (PPP)
- Compile Notification and Information Documents
- Notify all I&AP's of Project and Meetings (Newspapers, Site Notices, Letters, etc.)
- Written Notification to Relevant Regulating Authorities
- Compilation of Scoping Report as per Regulations, Guidelines and Templates
- Scoping Phase Public Meeting (Today 27 January 2017)

- Make Draft Scoping Report available for Review (27 January 2017 for a period of 30 days)
  - Capture and Consider Comments from I&AP's and Relevant Authorities
  - Finalize Scoping Report and submit to Authorities (44 days after Application was submitted)
  - Authority Review and Decision (43 days)
  - Notification of Decision on Final Scoping Report
  - Environmental Impact Assessment Phase
    - Commence to Implement Plan of Study
    - Continue Public Participation Process (PPP)
    - Finalise Specialist Studies and Reports
    - Prepare EIA Report (EIAR); comprising EIA & EMPR as per Regulations, Guidelines and Templates
    - EIA/EMP Phase Public Meeting (*to be confirmed – 14 June 2017*)
    - Make Draft EIAR available for Review (15 June 2017)
    - Capture and Consider Comments from I&AP's and Relevant Authorities
    - Finalise and Submit EIAR to I&AP's and Authorities (106 days after Acceptance of Scoping Report by CA)
  - Consideration and Decision Phase
    - Authority Review & Decision
    - Notification of Decision on the Final EIAR
    - Granting of Environmental Authorization (107 days after receipt of Final EIAR by CA)
    - Inform I&AP's of Decision/Approval and of Opportunity to Appeal
  - Appeal Phase
    - May Appeal against an Administrative Decision by DMR
    - Appeal to be lodged in terms of the National Appeal Regulations GNR 993 of 08 December 2014 in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.
- The Draft Scoping Report
  - Compiled in support of this process
  - Contents prescribed in the NEMA Regulations
  - Will be submitted to all relevant stakeholders for review and consideration for a period of 30 days
  - After review period has expired all comments that were received will be included and addressed in the Final Scoping Report
  - The Final Scoping Report will then be submitted to the DMR Office in Klerksdorp for review and approval
  - The Final Scoping Report will at the same time also be made available to all Registered I&AP's on request
  - The PPP is intended to facilitate your inputs into this Process
  - The Draft Scoping Report
    - Chapter 1: Introduction and Terms of Reference
    - Chapter 2: Details of the EAP
    - Chapter 3: Location of the Activity
    - Chapter 4: Scope of Overall Hemic Activities
      - Current Activity Infrastructure and Process
      - Proposed New Activities/Expansions/Upgrades
    - Chapter 5: Policy and Legislative Context
    - Chapter 6: Need and Desirability of the Project
    - Chapter 7: Period of Environmental Authorisation Required
    - Chapter 8: Selection of Preferred Activity, Site and Location
      - Alternatives Considered
      - Environmental Base Line Description – Type of Environment Affected



- Potential Impacts Associated with new Activities
    - Outcome of Site Selection Matrix
  - Chapter 9: Plan of Study
  - Chapter 10: Information required by the CA
  - Chapter 11: Requirements in terms of Section 24(4)(A) and (B) of the Act
  - Chapter 12: Undertaking by the EAP – Correctness of Information
  - Chapter 13: Undertaking by the EAP – Plan of Study Level of Agreement
- The Public Participation Process
  - What happened to date
    - Compiled Stakeholder Database
    - Pre-Application Discussion with DMR & Department of Water and Sanitation (DWS) (01 November 2016 & 28 November 2016)
    - Notice of Application and Public Meeting – Notification Letter, Newspaper Advertisements and Site Notices (12/13 January 2017)
    - EA Application submitted to DMR (26 January 2017)
    - Notice of Intent to submit WUL Application to DWS (26 January 2017)
    - Public Meeting (Today: 27 January 2017)
  - Still to happen
    - Distribute Draft Scoping Report for I&AP's and Authorities for review (30 days)
    - Reports will be submitted to the following Authorities:
      - Department of Water and Sanitation (DWS – Hartbeespoort)
      - Rural, Environmental and Agricultural Development (READ – Rustenburg)
      - Department of Environmental Affairs (DEA – Pretoria)
      - Local Municipality of Madibeng
    - Reports will be available at the following venues
      - Madibeng (Brits) Library
      - Herculite Ferrochrome Main Entrance
      - JMA Website: [www.jmaconsult.co.za](http://www.jmaconsult.co.za)
    - Capture Comments and Issues
    - Finalize Scoping Report
    - Submit Final Scoping Report to Authorities
    - Expect feedback from Authorities on Scoping Report – Beginning of May 2017

### 3. Discussion, Comments, Questions

#### Question by Mr Isaac Metjilati (IM):

IM had a question in terms of the water management facilities. IM wanted to know if the dams are full what happens to all the excess water on site if for e.g. it is raining a lot. In addition, IM wanted to know if there is going to be an expansion/improvement of the air quality systems (taphole fume extraction system and dust abatement system), how dangerous is the current air quality.

#### EAP Response:

The storm water management system will be designed to cater for the 1:50 year rainfall event which means only once in 50 years will there be e.g. more than 100mm of rain in 24 hours. If below that amount, water goes to the dams on site and then the water is re-used into the process (pumped back into the process). Under normal operating conditions no water from the site allowed into any surface water stream.

If more rain than the 1:50 year event, then water will be allowed to go into the stream. Fortunately due to the large amount of water, water quality will actually be better because of the dilution effect. Hernic will operate dams according to the designs, make sure that it doesn't silt up and spill.

Hernic currently operates within the limits specified in their Air Emission Licence (AEL). They want to make current systems more efficient. AEL's have targets specified by the relevant authorities for the future, e.g. by 2020 they want to improve the quality of the emissions that get released into the atmosphere. These air quality control upgrades will enable them to reach the target limits specified in the AEL.

Question by Mr At von Wielligh (AW):

The Old Historic Slimes Dams is the culprit of water contamination with Cr(6+). AW stated that there were holes in the liner system in the past. AW wanted to know how Hernic will resolve this problem and make the water safe.

EAP Response:

Material currently on these slimes dams are covered with plastic to prevent more rainfall coming in and infiltrating. All the slimes on the surface will now be removed, and that slimes will either be pelletized and put back into the system (disposed on the TSF after all the chrome has been removed) or it will be slurried and disposed of on the H:H facility that has an appropriate liner system. Hernic is authorised to dispose of such material on this facility, and then the H:H Facility will be closed (capped). Once slimes have been taken off the footprint, an assessment of the underlying soil quality will be done. If the soils are contaminated the soils will also be removed and treated and then that area will be covered. This area is earmarked for new silt trap which forms part of the new storm water management system. The silt trap will be a concrete facility that won't be able to leak. But currently a groundwater study is underway, which is investigating the residual groundwater pollution plume. Groundwater contamination can only be resolved by pumping and treating of the water. Currently there are three boreholes that pump water from the underground. When you pump water, water levels go down and you change the flow direction. If you pump sufficiently you will create a cone of depression and water starts flowing towards the borehole and therefore prevent water from flowing out further and contaminating the groundwater system. Water currently pumped out goes through the groundwater treatment plant. The efficiency of this plant is also now being assessed. If other authorisations will be needed as a result of this on-going groundwater study, it will be included in the water use licence application.

Question by Mr Lewis from the Mmakau Community (LM):

Since Mr Lewis is part of the local communities, he wanted to know how this process will benefit local communities. LM also wanted to know in terms of the water management, certain dams that pollute the water, based on the undergoing studies, will the community be allowed to participate e.g. designs/building of the dams. LM wanted to know if Acid Mine Drainage (AMD) will affect the water quality.

EAP Response:

This is an environmental process, whereby JMA Consulting looks at the environment, the protection of the environment and the management of the environment. JMA Consulting ensures if a mine/applicant applies for new authorisations, that when they get those authorisations, they manage the impact on the environment in the correct way.

The benefit to the community as far as this process is concerned should be regarded in terms of the quality of the water, air and noise. There is another process whereby financial benefit to the communities is addressed and that is in the Social and Labour Plan (SLP).

When the mine compiles their SLP, there are certain legal requirements that they have to go through which also includes a public participation process programme. As part of the amendment of the EMPR (this process), a new updated SLP must be compiled and submitted, but that is not part of this process or of this public participation programme.

No AMD at this site, none of the required minerals are found in the ground to produce AMD.

Designs for new dams will be compiled by civil engineers through a normal tendering process facilitated by the mine. Community will not necessarily benefit financially, but their environment and water resources will be protected.

General Comment from Attendee (did not state name):

If there is no benefit to the community, the community feels that they are at the wrong meeting, therefore no reason for the community to be present. Attendee was of the opinion that the community was only invited to this meeting and process to complete the attendance register and therefore aid with the compliance of the regulations. He remarked that there is highly skilled labour available from the community; he was confused as to why the community is being undermined. The consultants/engineers/contractors should be from the local community. He feels that Hernic is manipulating the procurement system and that it should be revised.

General Comment from Mr Oupa Mashowani (OM):

OM represents the unemployed youth. OM wanted to know how many young people around Madibeng will be employed as part of this process. OM wanted to know how many black owned businesses will receive contracts as part of this process. OM wanted to know why they as a community must provide input into this public participation process if they are not benefitting financially.

General Comment/Question from Mr Shebogi:

Most people attending this meeting don't understand what the EAP is talking about. Before any formal process starts, the mine should go to the municipality to get information about the local companies around and available. No one from the project team has been to their villages and he is of the opinion that it doesn't matter what the community say about the environment, there won't be any change. He suggested that EAP should have mentioned from the start that there are two separate processes under the MPRDA, one for the environmental process and one for the SLP process. Shebogi wanted to know how one can submit an application before the formal public participation process starts. Shebogi also wanted to know where Hernic advertises for jobs/work for consultants.

*Meeting erupts and EAP calls for point of order.*

EAP Response to above Comments and Questions:

The EAP has to submit an approved SLP as part of this application, but it is a separate process to develop the SLP, a separate process facilitated by the mine. This current process is only from an environmental perspective. The EAP assumes there will be meetings and discussions with communities related to job opportunities and related to contracts. JMA Consulting does not facilitate/prescribe that process.

I&AP's were invited to this meeting in terms of the environmental legislation. JMA Consulting did not give the intention that this meeting would address SLP issues/concerns. It is not the mandate of the EAP to discuss these issues as part of this process. JMA Consulting invites all I&AP's whose environment might be affected. The EAP assumes consultants addressing the SLP and that process will also invite all the I&AP's that might be affected.

JMA Consulting can however not be responsible for that process and of who will get invited to meetings. JMA Consulting cannot provide answers to concerns raised in terms of the SLP.

Robert Raphela (RR: External Affairs Manager from Hernic) Response to above Comments and Questions:

RR was disappointed to hear these comments/concerns. Invites were specific to the process that is being explained/facilitated. RR remarked that some of the community members were being malicious. The SLP is a separate process, Hernic has been engaging with the community, the SLP is being discussed and the communities affected are aware of this. RR remarked that the claim of not knowing why everyone is at the meeting is malicious. The issues around procurement are issues that need to be asked to Hernic not JMA Consulting. RR confirmed that there are platforms where these issues are being discussed.

*Meeting erupts and EAP calls for point of order.*

*EAP comments that the frustration of the people are understood, EAP asks if he may proceed with the presentation.*

*Attendee responds that he received a message which indicated job opportunities.*

*EAP apologises that some people might then be at the wrong meeting.*

*Most of the Attendees leave the meeting and take the attendance register with them.*

Question by Me Lesego Segale (LS):

This project and this process are relevant to her and her community. They are struggling with water supply. They can't drill any boreholes and the borehole at the De Kroon community has been closed down due to contamination.

EAP Response:

Will investigate and respond formally in the Issues and Response Register. Hernic will propose an action plan to address this problem.

Question by Mr Elias Ntjanyana (EN):

He represents the Damonsville community and wanted to know if Hernic did a study and provided a report on this to JMA Consulting with regards to the contamination from the historic slimes dams. EN wanted to know what will be impacted upon by this contamination.

EAP Response:

That study and investigation will be part of the Environmental Impact Assessment Phase of this project. This will entail the impact identification and description as well as the proposed management measures of a particular impact.

*EAP resumes and finishes presentation.*

*RG explains that the attendees that left took the attendance register. RG requests that everyone still present at the meeting complete a new register. RG explains that the register is needed to obtain the contact information of all the I&AP's so that the EAP can communicate necessary information regarding the formal process to all those concerned and affected.*

Question by Mr Phineas Motsepe (PM):

PM is concerned about the information flow on community level. PM suggested that Hernic should improve management of I&AP database. PM is a landowner and he was only informed very late yesterday about this meeting. Hernic/JMA Consulting should consult the relevant people. Government officials (Municipalities, DMR and Hernic Management) should also be present at these meetings.

EAP Response:

Please provide contact details on Attendance Register to ensure that he is included in future correspondence.

Question by Mr Aubrey Mpangane (AM):

AM wanted to know if the land owner status was investigated during the pre-planning phase of this project.

EAP Response:

It was considered. EAP was not aware that the land on which Hernic currently operates on belong to someone else other than Hernic. The EAP will inform the Land Claims Commissioner about the properties related to this project and ask the Land Claims Commissioner to confirm if there are land claims on the property or not. Information currently available to the EAP indicates that there are no land claims lodged on the relevant property. EAP requested AM to complete a comment form. The EAP will use the formal structures available to JMA Consulting in order to assess this claim.

General Comment/Question from Mr Shebogi:

Hernic Management should also be present at the next meeting.

EAP Response:

There is representation from Hernic present at the Meeting.

Question by Mr Aubrey Mpangane (AM):

AM states that someone is hiding information regarding property/ landowner status.

EAP Response:

Please provide JMA Consulting with the land claim correspondence that you currently have.

*EAP confirms that the review period for the draft Scoping Report is 30 days and that every comment received will be attended to.*

General Comment from Attendee representing the De Kroon Community (did not state name):

There is a need for healthy water for the community. He wanted to know how the mine will help in this regard.

EAP Response:

EAP requested that a comment form be completed and confirmed that the necessary feedback would be provided. An action plan will be implemented if there is a problem/impact. EAP requests that contact details be provided to ensure that JMA Consulting knows where to investigate.

Question by Mr James Wallis (JW):

JW is from the Department of Agriculture. JW wanted to know in terms of the expansion of the existing TSF, what the chances are that the particle sizes will be so small that it would be possible to be distributed by the wind like in other Madibeng areas which causes problems to the adjacent farmers/community.

EAP Response:

The material to be disposed on the expanded footprint will be similar to the material that is already currently being disposed on the TSF. JMA Consulting has commissioned an Air Quality study which includes a dust fallout assessment so JMA Consulting will be able to quantify the situation, make an assessment, describe the impacts, propose management measures related to the TSF, which will all be addressed during the Environmental Impact Assessment Phase. The efficiency of the management measures will also be monitored. This concern is part of the current scope of work.

Question by Me Sophy Segale(SS):

SS is a representative of the De Kroon Community. Hernic wrote her a letter to inform her to seal the borehole on their property due to contamination. No feedback on what to do now. SS wanted to know if the EAP will verify if there is contamination in this borehole water. SS wanted to know if they will have access to clean water. SS mentioned that the Department of Water and Sanitation (DWS) use to provide the school with water, but the school was now closed. The Local Municipality of Madibeng provides water to the community once a week, but this water is dirty.

EAP Response:

The EAP requested that SS complete a comment form. JMA Consulting will take sample of borehole and have it analysed if not done already. Access to clean water will have to be taken up with Hernic.

RG Response:

The Base line studies already conducted show there is an impact on the water quality. The new activities proposed and discussed as part of this current process is aimed to improve the current environmental conditions. This is however a long and capital intensive process and it might take a long while, but these issues are getting attention.

Question by Mr Henry Lategan (HL):

HL is a farmer next to the De Kroon Community. HL is concerned about the groundwater contamination, and also wanted to know if the air quality in that area was analysed. HL was further concerned about the fact that the Hernic abstraction boreholes pumps less than some of the famers, HL wanted to know if the contamination will then not go towards the farmers.

EAP Response:

All the technical detail related to HL's questions is available in the draft Scoping Report. The EAP requested that HL contact the EAP if the information provided in the report was not sufficient. The EAP confirmed that there is currently a groundwater assessment underway. The EAP requested that information regarding boreholes on HL's farm be provided. HL confirmed that JMA Consulting did take a water sample from his farm during the Hydrocensus. The contamination of the groundwater will be mapped with a Groundwater Flow and Mass Transport Model for the site to assess in which direction the contamination can move, how fast and how far. HL's concerns are part of the current scope of work.

General Comment from Attendee representing the De Kroon Community (did not state name):

He is concerned how these new activities will impact the traffic.

EAP Response:

EAP confirms that a Traffic Assessment is also part of this process/scope of work.

Question by Mr Stefan Minaar (SM):

SM wanted to know what is contaminating the water.

EAP Response:

The legal definition of contamination/pollution is the change in the physical/chemical/biochemical characteristics of the water, therefore any change in these components are considered pollution. JMA Consulting has identified, and this is relayed in the report, any potential pollution sources, JMA Consulting has taken samples of all the heaps and dams present on site and had it analysed for a full spectrum of inorganic chemicals. JMA Consulting is now aware of what is soluble and what can go into the ground and the water quality of all the dams on site. This process was referred to as the Materials and Waste Characterisation process/report. Afterwards JMA Consulting has identified the source of contamination and afterwards the pathway of the contamination to the receptors will be assessed. The environment also constitutes a receptor. For this reason the type of liners for dams etc. are assessed and determined. The migration from site is then also assessed. Groundwater migration is in the direction in which the groundwater flows. This is why a Groundwater Flow and Mass Transport Model and hydrochemical fingerprinting is done, whereby one can relate two samples to determine if they come from the same source. This constitutes the source-pathway-receptor principle. The same model will be used to determine and propose what can be done, i.e. management measures.

Question by Mr Stefan Minaar (SM):

SM wanted to know is this information will be available.

EAP Response:

EAP stated that all this information will be available on the website and will also be incorporated into the EIAR/ EMPR which will also be available.

Question by Mr Stefan Minaar (SM):

SM wanted to know if information regarding the particle size distribution of what ends up on the slimes dams will be available.

EAP Response:

Information will be available in the relevant design report which will also be made available to the I&AP's.

After no more questions were asked the EAP thanked the I&AP's present for their time and comments and indicated that JMA Consulting looked forward to getting some feedback from them.

Minuted by Rene Rademeyer.



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Rene Rademeyer (Pr.Sci.Nat.)  
for  
JMA Consulting (Pty) Ltd.



**APPENDIX 6.9(A)**

**PROOF OF SUBMISSION OF DRAFT SCOPING REPORT TO THE  
LOCAL MADIBENG (BRITS) LIBRARY**

DRAFT



## DELIVERED BY HAND

Date: 27 January 2017

**ATTENTION: Madibeng (Brits) Public Library**

**HERNIC FERROCHROME (PTY) LTD**

## **Draft Scoping Report**

### ACKNOWLEDGEMENT OF RECEIPT

Receipt of the Draft Scoping Report is hereby acknowledged (**1 HARD COPY**).

Delivered by:

Received by:

Michelle Lombard  
NAME: Michelle Lombard  
For and on behalf of  
JMA Consulting (Pty) Ltd

I. Ananase  
NAME:  
For and on behalf of  
Madibeng (Brits) Public Library

Date: 27/01/2017

Date: 27/1/2017

Time: 09:00

Time: 09:00

**APPENDIX 6.9(B)**

**PROOF OF SUBMISSION OF DRAFT SCOPING REPORT TO THE  
RELEVANT AUTHORITIES (DWS, DEA, READ AND THE LOCAL  
MUNICIPALITY OF MADIBENG)**

DRAFT



JMA Ref: 10462/RR02

Department of Water and Sanitation  
Hartbeespoort Regional Office  
Private Bag X357  
Hartbeespoort  
0216

**ATTENTION: THABAKGOLO BOPAPE**

26 January 2017

NW REGION  
INSTITUTIONAL  
ESTABLISHMENT  
DEPARTMENT OF WATER AND SANITATION  
HARTBEEPOORT

2017 -01- 26

LAFAPHA LA TSEBEND YA DIETSI  
DEPARTEMENT VAN WATERWESE  
PRIVAATSAK: X357  
PRIVATE BAG: HARTBEEPOORT  
KGETSANAPOSO: 0216

**DELIVERED BY HAND**

## **HERNIC FERROCHROME (PTY) LTD**

HERNIC FERROCHROME (PTY) LTD APPLICATION FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

### **ACKNOWLEDGEMENT OF RECEIPT**

Receipt is hereby acknowledged of 1 **HARD COPY** of the Draft Scoping Report for the Hernic Ferrochrome (Pty) Ltd Project.

**Delivered by:**

NAME: SHANE TURNER  
JMA Consulting (Pty) Ltd

Date: 26/01/2017

Time: 08:00

LET8921 AoR

**Received by:**

NAME:  
For and on behalf of DWS

Date: 26/1/2017

Time: 8:00



JMA Ref: 10462/RR05

27 January 2017

Department of Environmental Affairs  
Private Bag X447  
Pretoria  
0001

**ATTENTION: PUMEZA SKEPE**

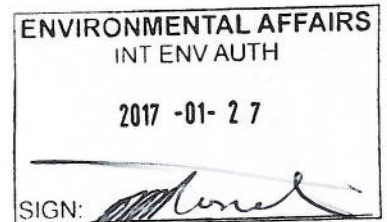
**DELIVERED BY HAND**

## **HERNIC FERROCHROME (PTY) LTD**

HERNIC FERROCHROME (PTY) LTD APPLICATION FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

### **ACKNOWLEDGEMENT OF RECEIPT**

Receipt is hereby acknowledged of 1 **HARD COPY** of the Draft Scoping Report for the Hernic Ferrochrome (Pty) Ltd Project.



**Delivered by:**

Michael Loggins  
NAME: Michael Loggins  
JMA Consulting (Pty) Ltd

Date: 27/01/2017

Time: 11:26  
LET8924 AoR

**Received by:**

DEES  
NAME:  
For and on behalf of DEA

Date: 27/01/17

Time: 11/26



JMA Ref: 10462/RR04

27 January 2017

Department of Rural, Environment and Agricultural Development (READ)  
80 Kerk Street  
Private Bag X82298  
Rustenburg  
0300

**ATTENTION: MOKABA PHONOHOMA**

**DELIVERED BY HAND**

## **HERNIC FERROCHROME (PTY) LTD**

HERNIC FERROCHROME (PTY) LTD APPLICATION FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

### **ACKNOWLEDGEMENT OF RECEIPT**

Receipt is hereby acknowledged of **1 HARD COPY** of the Draft Scoping Report for the Hernic Ferrochrome (Pty) Ltd Project.

**Delivered by:**

Michael Jonker  
NAME: Michael Jonker  
JMA Consulting (Pty) Ltd

Date: 27/01/2017

Time: 10:03  
LET8923 AoR

**Received by:**

M.L. Mohlali  
NAME:  
For and on behalf of READ

Date: 27/01/2017

Time: 10h03



JMA Ref: 10462/RR03

27 January 2017

Local Municipality of Madibeng  
P.O.Box 106  
Brits  
0250

**ATTENTION: MATOME MANAKA / THAPELO NGWATO**

**DELIVERED BY HAND**

## **HERNIC FERROCHROME (PTY) LTD**

HERNIC FERROCHROME (PTY) LTD APPLICATION FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

### **ACKNOWLEDGEMENT OF RECEIPT**

Receipt is hereby acknowledged of **1 HARD COPY** of the Draft Scoping Report for the Hernic Ferrochrome (Pty) Ltd Project.

**Delivered by:**

**Received by:**

Michael Lombard  
NAME: Lombard  
JMA Consulting (Pty) Ltd

A Schoeman  
NAME:  
For and on behalf of Local Municipality of Madibeng

Date: 27/01/2017

Date: 27/01/2017

Time: 08:50  
LET8922 AoR

Time: 8h 50



**APPENDIX 6.12(A)**

**DWS SITE INSPECTION ATTENDANCE REGISTER AND  
COMMENTS ON SCOPING REPORT**

DRAFT





# JMA Consulting (Pty) Ltd

15 Vickers Street  
Delmas  
P O Box 883  
Delmas, 2210  
Tel (013) 665 1788  
Fax (013) 665 2364

Sustainable Environmental Solutions through integrated Science and Engineering

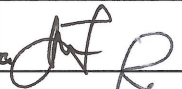

## ATTENDANCE REGISTER IWULA Pre-Application Consultation Meeting

<b>PROJECT : Hernic Ferrochrome (Pty) Ltd – Environmental Master Plan Integrated Water Use Licence Application (IWULA)</b>	<b>VENUE : Hernic Ferrochrome, Brits</b>
	<b>DATE &amp; TIME : 23 February 2017 (10:00)</b>

Nr	Name & Surname	Representing	Postal Address	Contact Details	E-mail address	Signature
1	SHANE TURNER	JMA	PO Box 883 DELMAS, 2210	Tel: 013 665 1788 Cell: 082 866 4125	shane@jmaconsult.co.za	
2	Ebhanne Moodie	Hernic Ferrochrome	PO BOX 4534, Brits, 0250	Tel: 012 381 1224 Cell: 082 444 9106	ebhanne.moodie@hernic.co.za	
3	Ockert KAVIS	HFC	"	Tel: 012-3811105 Cell: 082 576 1442	ockert@hernic.co.za	
4	Johan Swarpoel	HFC	"	Tel: Cell: 082 921 4336	johan@ <sup>swarpoel</sup> hernic.co.za	
5	Jacques Hartze	HFC	"	Tel: 012 3811170 Cell: 082 576 0424	jhantze@hernic.co.za	
6	Luvuyo Jaftha	HFC	"	Tel: 012 381 1273 Cell: 083 522 7502	luvuyo.jaftha@hernic.co.za	
7	Mabekgolo BOPAPU	DWS	P/Bag X 357 Mantbeeport	Tel: 012 207 9911 Cell: 083 254 1527	bopaputa@dws.gov.za	
8	Herbert Kutumane	DWS	P/Bag X 357 Mantbeeport	Tel: 012 207 9911 Cell: 083 3050 293	kutumane@dws.gov.za	
9	Noxi Cecilia Zulu	HFC	PO BOX 4534 Brits 0250	Tel: 012 381 1361 Cell:	cectra.zulu@hernic.co.za	
10	Moses Mashiane	HFC	P.O. BOX 4534 Brits, 0250	Tel: 012 381 1250 Cell: 073 562 7938	moses-mashiane@hernic.co.za	

**ATTENDANCE REGISTER (continued)**  
**IWULA Pre-Application Consultation Meeting**

<b>PROJECT : Hernic Ferrochrome (Pty) Ltd – Environmental Master Plan Integrated Water Use Licence Application (IWULA)</b>	<b>VENUE : Hernic Ferrochrome, Brits</b>
	<b>DATE &amp; TIME : 23 February 2017 (10:00)</b>

Nr	Name & Surname	Representing	Postal Address	Contact Details	E-mail address	Signature
11	Malatsi Mashale	HFC	PO Box 4534 Brits 0250	Tel: 012 381 1302 Cell: 060 966 5011	malatsi.mashala@hernic.co.za	
12	Lesego Raborji	HFC	P.O. Box 4534 Brits 0250	Tel: 012 381 1183 Cell: 071 371 9999	lesego.raborji@hernic.co.za	
13				Tel: Cell:		
14				Tel: Cell:		
15				Tel: Cell:		
16				Tel: Cell:		
17				Tel: Cell:		
18				Tel: Cell:		
19				Tel: Cell:		
20				Tel: Cell:		



# water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

Limpopo-North West Proto CMA, Old Rustenburg Road, Hartbeespoort, Private Bag X357, Hartbeespoort, 0216, Tel (012) 2531046, Fax: 012 253 1026, [www.dwa.gov.za](http://www.dwa.gov.za)

Fax: (012) 207 9914



P/B X357



Thabakgolo Bopape

Cell: 083 854 1937

HARTBEEPOORT



(012) 207 9911

Email: [bopapet@dwa.gov.za](mailto:bopapet@dwa.gov.za)

0216



27/2/2/A2921/18/1

The Manager

JMA Consulting (Pty) Ltd

PO Box 883

Delmas

2210

Tel: (013) 665 1788

Fax: (013) 665 2364

Email: [shane@jmaconsult.co.za](mailto:shane@jmaconsult.co.za)

**Attention: Shane Turner**

## **RE: DRAFT SCOPING REPORT FOR ENVIRONMENTAL AUTHORIZATION APPLICATION FOR HERNIC FERROCHROME MINE**

Reference is made to draft Scoping Report and the letter dated 26 January 2017 submitted to the Department.

The Department received mentioned documents and comment as follows:

### **1. Water Supply**

It is indicated in page 32 of the report that, the site is supplied with water from the Hartbeespoort Irrigation Canal via a canal from Hartbeespoort Dam. The Department would like to be informed of any additional taking of water from any source to argument the allocated 876 000 m<sup>3</sup> which may be triggered by ~~for~~ additional and upgrading of existing facilities as detailed in amendment request report. Please note that no person may use water otherwise than as permitted under the National Water Act 1998, (Act 36 of 1998).

### **2. Waste and Refuse Removal**

Please ensure that systems are put in place to ensure waste recycling (glass, paper, plastic, metal and organics, etc) and minimization. All waste generated during the prospecting period must be managed in accordance with the hierarchy of waste management principles and disposal at a licensed landfill site must be the last option.

Please note that a service level agreement between the developer and the municipality stating that the municipality will accept waste from this development should be submitted to this Department before any activity can commence.

### **3. Sanitation supply**

It is indicated in page 113 of the report that, there is a waste water treatment on site which treats an average of 140 m<sup>3</sup> of domestic sewage per day. You are requested to prove to the Department that the current plant will be able to accommodate additional effluent from the proposed expansions of the mine.

#### **4. Storm water Management**

It is indicated in page 126 of the report that, storm water management berms and canals are present within the Hernic alloys plant area and that, the system needs upgrade. It is also noted that the designs for upgrading of the storm water management system is currently being designed.

Please note that the storm water management plan for the proposed mining activity must be approved by the relevant authority and the detail design and approval must be submitted to this office.

Storm water should not be allowed to enter the sewage system and roads should be maintained such that soil erosion is limited to the minimum.

#### **5. Flood line**

In terms of Section 144 of the National Water Act 1998, (Act 36 of 1998), no development is encouraged within the 1: 100 years flood line. This office request locality map clearly showing all water resources (Rivers, Dams, and Wetlands), in relation to the proposed site, the map must be submitted to this office.

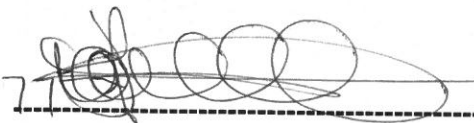
#### **6. Public Participation**

Please ensure that all the inputs/comments raised during the public participation process are addressed adequately.

Please note that these comments do not warrant a water use authorization. Should you engage in any water use activity, it will be concluded that you are contravening the National Water Act, 1998 (Act 36 of 1998).

All the concerns regarding the content of this letter can be directed to the above mentioned contact details.

**Yours sincerely**



-----  
**ACTING CEO: LIMPOPO NORTH WEST PROTO CMA**

**DATE:** 23 March 2017

**APPENDIX 6.18(A)**

**DMR COMMENTS ON SCOPING REPORT**

DRAFT



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Directorate: Mineral Regulation: North West Region,  
Private Bag A1, Klerksdorp, 2570 Cnr Margaret Prinsloo & Voortrekker Streets  
Vaal University of Technology Building, Klerksdorp, 2571  
Enquiries: Mr. Christopher Tshisevhe Tel: (018) 487 4300 Fax: 086 710 1017/ (018) 487 4394  
E-Mail: [chris.tshisevhe@dmr.gov.za](mailto:chris.tshisevhe@dmr.gov.za) Ref: NW 30/5/1/2/3/2/1/ (308 and 396) EM

### REGISTERED MAIL

Attention: Mr Jasper Muller  
JMA Consulting (Pty) Ltd  
Hernic Ferrochrome (Pty) Ltd  
P.O. Box 883  
DELMAS  
2210

Tel: (013) 665 1788/ 082 459 0169  
Fax: (013) 665 2364  
Per e-mail: [jasper@jmaconsult.co.za](mailto:jasper@jmaconsult.co.za)

COMMENTS ON THE SCOPING REPORT SUBMITTED IN TERMS OF REGULATION 21 (1) OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 IN SUPPORT OF AN APPLICATION FOR AN AMENDMENT OR INTEGRATED ENVIRONMENTAL AUTHORISATION LODGED BY HERNIC FERROCHROME (PTY) LTD IN RESPECT OF VARIOUS PORTIONS OF VARIOUS FARMS AS PER THE ISSUED MINING RIGHTS, SITUATED IN THE MAGISTERIAL DISTRICT OF BRITS, NORTH WEST REGION.


1. Reference is hereby given to your Scoping Report and plan of study for Environmental Impact Assessment received by this office on the 13<sup>th</sup> March 2017.
2. This letter serves to inform you that your Scoping Report and plan of study for EIA has been reviewed by this office and accepted as prescribed in terms of Regulation 22 (a).

Nevertheless, the following information should be addressed in detail on EIAR phase of this project:

- a) A draft Environmental Impact Assessment Report must be submitted to all other relevant authorities for comments and their comments including those from interested and affected parties must be included in the final Environmental Impact Assessment Report to be submitted to this office for consideration.
- b) All maps in your report should be on A3 paper size, must have legend, north point and printed in colour.
- c) All specialist studies during the Scoping Phase must be undertaken and included in the Environmental Impact Assessment Report.
- d) An EMPr for the construction and operational phases of the project must be developed to identify and mitigate potential environmental and social impacts associated with the proposed activity on the receiving environment. The contents of the EMP must comply with the guideline as stipulated in Appendix 4 of the EIA Regulations, 2014.
- e) Consultation with the Department of Water and Sanitation must be done regarding all possible water use which relate to your proposed application.
- f) The matter of selling waste rock material should be carefully assessed to ensure that the mine remain with sufficient waste materials for the purpose of backfilling the existing open pit(s).
- g) The qualification of the Environmental Assessment Practitioner must be address and appended on the final EIAR as prescribe on item 2 of your scoping report.
- h) The financial provision itemisation must be done on all newly proposed activities and included on final EIAR.
- i) The applicant must deliberate on how they intend to deal with redundant structures which are no longer in use e.g. explosive magazine and historic bag plant.

- j) Kindly ensure that the salt update balance is incorporated in the final EIAR as this office does not approved draft reports as it has been specified on page 61 of your scoping report.
- k) The final EIAR must contain a preferred option/ methods on how the applicant intend to deal with the disposal or re-cycling of the existing slimes dam(s).
- l) All diagrams (tables and figures) to be provided on the final EIAR must be clear and visible unlike table 8.4.13.13.b on your scoping report.
- m) Should the applicant decide to resume with mining activities at Morula Operation, a blasting and vibration study must be conducted prior commencing with mining only of if such study was not conducted before.
3. You may accordingly proceed with undertaking the environmental impact assessment in accordance with the requirements of Regulation 23 (1) of the EIA Regulations, 2014 and the tasks that are outlined above and the plan of study of the environmental impact assessment.
4. It must be stressed to the applicant that no newly proposed activities on site must commence until the applicant have obtained all necessary Authorizations.
5. Kindly contact this Department if you have any queries regarding this correspondence.

Yours faithfully

  
REGIONAL MANAGER: MINERAL REGULATION  
NORTH WEST REGION

DATE: 06.7.2017

ALL THE CORRESPONDENCE SHOULD BE ADDRESSED TO THE ATTENTION OF THE REGIONAL MANAGER OF DEPARTMENT OF MINERAL RESOURCES: NORTH WEST REGION.



**APPENDIX 6.20(A)**

**EIA PHASE NOTIFICATION LETTER, BID, NEWSPAPER  
ADVERT AND SITE NOTICE**

DRAFT



JMA10462

15 June 2017

**ATTENTION: REGISTERED INTERESTED & AFFECTED PARTY**

Dear Sir / Madam

**NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING**

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

Hernic Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations.

**Environmental Authorization** in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required.

The following proposed new activities at Hernic Ferrochrome are part of this current project.

- Decommissioning of two Historic Slimes Dams
- Decommissioning of Phase 1 of the H:H Slimes Dam
- Development and Expansion of the Site Storm Water and Process Water Management Facilities:
  - Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
  - Development of the Morula PCD
  - Expansion of Storm Water PCD No.1
  - Development of Storm Water PCD No.2
  - Development of Storm Water PCD No.3
  - Development of Storm Water PCD No.4
  - Expansion of the OB Plant Process Water Dam
  - Expansion of the Plant Process Water Dam
  - Expansion of the CRP Process Water Dam
- Decommissioning of the Morula Dewatering Dam
- Development of a New Salvage Yard
- Expansion of the Tap Hole Fume Extraction System

2005/039663/07

- Expansion of the Finished Product Plant Dust Abatement System
- Expansion of the HERNIC Tailings Storage Facility (TSF)
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Slag Sand at the Fine Slag Processing Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In view of the fact that Hernic Ferrochrome operates as a mine, the administrative process is that of the **“One Environmental System”** with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

In terms of Regulation GNR 982 Section 41(2)(b), notice of the proposed project was/is given to all Interested & Affected Parties (**I&AP’s**), occupiers of the site, the owner or person in control of the site, owners/persons in control of, and occupiers of land adjacent to the site, the municipal councillor of the ward, the municipality which has jurisdiction in the area as well as any organ of state that may have jurisdiction over any aspect of the proposed activity.

You/your organization are hereby also cordially invited to attend the EIA Phase Public Meeting scheduled for **11:00 on 30 June 2017** at the HERNIC Ferrochrome Admin Lapa.

This Public Meeting will allow you the opportunity to be informed of the proposed project and associated activities as well as to answer any questions that you might have on the planned activities and to provide you with any additional information that you may require.

Please find attached to this letter an I&AP Comments Page whereupon all contact details and any comments or concerns can be stated and submitted to the Consultant for consideration.

For any further information please do not hesitate to contact the Consultant. Contact information is available on the Comments Page.

Yours sincerely



**Rene Rademeyer (Pri.Sci.Nat.)**

LET9030



## HERNIC FERROCHROME (PTY) LTD S&EIR PROCESS BACKGROUND INFORMATION DOCUMENT

### REGIONAL SETTING OF HERNIC FERROCHROME (PTY) LTD

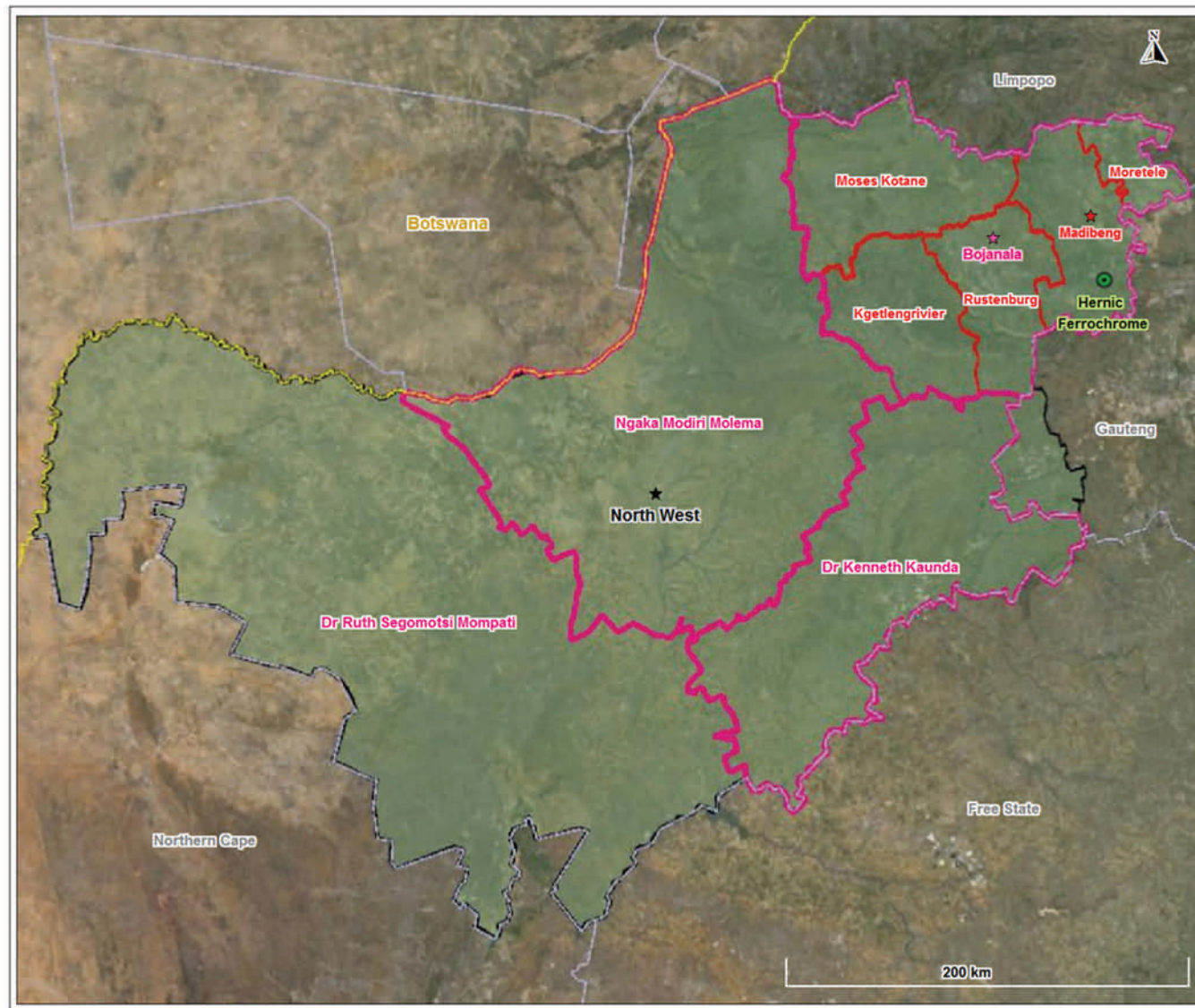


Figure 2: Regional Setting of the Heric Ferrochrome (Pty) Ltd Site

#### Summary of the Regional Setting:

The Heric Ferrochrome (Pty) Ltd site falls within the **Madibeng Local Municipality** which is located within the **Bojanala District Municipality** of the North-West Province.

The central coordinates of the site are 25°39'40.80"S and 27°50'26.51"E (WGS84). Heric Ferrochrome is located approximately 7 km to the south-east of the town of Brits and 11 km to the north-west of the town of Hartbeespoort. Heric Ferrochrome (Pty) Ltd is located in the southern regions of the **A21J Quaternary Catchment** within the **Limpopo River Primary Catchment** and within the Crocodile (West) and Marico Water Management Area.

#### CONTACT INFORMATION

In order to ensure that you are identified/listed as an Interested and Affected Party (I&AP), please submit your name, contact information and interest in the matter on the provided registration form or contact:

#### JMA Consulting (Pty) Ltd

Contact: **Rene Rademeyer (Pri.Sci.Nat.)** Tel: 013 665 1788 Fax: 086 646 8400  
Email: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)  
Postal: P.O. Box 883 Delmas 2210

#### IN THIS BID:

INTRODUCTION & BACKGROUND TO THE PROPOSED PROJECT 1

LEGAL FRAMEWORK & PROPOSED ACTIVITIES 1

LISTED ACTIVITIES & PUBLIC PARTICIPATION PROCESS 2

ROLE OF THE I&AP'S 3

PROJECT TIMELINE 3

REGIONAL SETTING OF HERNIC FERROCHROME 4

CONTACT DETAILS 4

#### INTRODUCTION & BACKGROUND INFORMATION

Heric Ferrochrome (Pty) Ltd wishes to decommission, develop and expand activities to their current mining and smelting operations.

Heric Ferrochrome (Pty) Ltd has been in operation since May 1996. The Operations, which expanded over the years, comprise both mining of Chromite Ore (initially opencast and then later from underground), ore beneficiation to yield feedstock chromite concentrate and lumpy ore, followed by pelletizing and sintering of the fine ore and finally Ferrochrome Smelting in four closed Furnaces, with an annual production capacity of 420 000 tonnes of ferrochrome. Several chrome recovery operations from chromite containing slag are also active on the site.

As the site expanded and was upgraded since 1996, Heric Ferrochrome has applied for, and obtained, the required Environmental Authorizations (EA) as and when required. It currently operates under an approved Environmental Management Programme (EMPR), which was amended as recently as 2016 and also holds a Water Use Licence, an Atmospheric Emissions Licence (AEL) as well as relevant Environmental Impact Assessment (EIA) Authorizations. Environmental Authorization(s) in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required for this project.

The following proposed new activities at Heric Ferrochrome (Pty) Ltd are part of this current project:

- Decommissioning of two Historic Slimes Dams

- Decommissioning of Phase 1 of the H:H Slimes Dam
- Development and Expansion of the Site Storm Water and Process Water Management Facilities:

- Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps
- Development of the Morula PCD
- Expansion of Storm Water PCD No.1
- Development of Storm Water PCD No.2
- Development of Storm Water PCD No.3
- Development of Storm Water PCD No.4
- Expansion of the OB Plant Process Water Dam
- Expansion of the Plant Process Water Dam
- Expansion of the CRP Process Water Dam
- Decommissioning of the Morula Dewatering Dam
- Development of a New Salvage Yard
- Expansion of the Tap Hole Fume Extraction System
- Expansion of the Finished Product Plant Dust Abatement System
- Expansion of the HERNIC Tailings Storage Facility (TSF)
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Slag Sand at the Fine Slag Processing Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Coarse Slag at the Chrome Recovery Plant
- Re-Use (Screening, Stockpiling, Internal Use and /or Selling) of Mine Waste Rock at the Mine Waste Rock Stockpile

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping & Environmental Impact Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

## ENVIRONMENTAL AUTHORISATIONS

- Environmental Authorisation(s) required in terms of the provisions of the:
1. Mineral and Petroleum Resources Development Act (MPRDA),
  2. the National Environmental Management Act (NEMA),
  3. the National Environmental Management: Waste Act (NEMWA),
  4. the National Environmental Management: Air Quality Act (NEMAQA),
  5. the National Water Act (NWA) - Section 21 (a), Section 21 (c), Section 21(g) and Section 21(i) Water Uses

### LISTED ACTIVITIES APPLIED FOR

- Decommissioning of two Historic Slimes Dams: Activity 22 - GNR 983 (Listing Notice 1), Activity 14 - GNR 921 (Category A) & Activity 7 - GNR 921 (Category B)
- Development of Infrastructure for the Transportation of Slimes: Activity 10 - GNR 983 (Listing Notice 1)
- Decommissioning of Phase 1 of the H:H Slimes Dam: Activity 22 - GNR 983 (Listing Notice 1), Activity 14 - GNR 921 (Category A) & Activity 7 - GNR 921 (Category B)
- Development and Expansion of the Process Water and Storm Water Canal System including Silt Traps: Activity 9, 10, 12, 34, 45, 46, 48 - GNR 983 (Listing Notice 1)
- Development of the Morula PCD: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Expansion of Storm Water PCD No.1: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Development of Storm Water PCD No. 2: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Development of Storm Water PCD No. 3: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Development of Storm Water PCD No. 4: Activity 12, 13 - GNR 983 (Listing Notice 1)
- Expansion of the OB Plant Process Water Dam: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Expansion of the Plant Process Water Dam: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Expansion of the CRP Silt Trap Process Water Dam: Activity 34, 48, 50 - GNR 983 (Listing Notice 1)
- Decommissioning of the Morula Dewatering Dam: Activity 22 - GNR 983 (Listing Notice 1)
- Expansion of the Taphole Fume Extraction System: Activity 34 - GNR 983 (Listing Notice 1)
- Expansion of the Finished Product Plant Dust Abatement System: Activity 34 - GNR 983 (Listing Notice 1)
- Expansion of the Hernic TSF Facility: Activity 27, 34, 48 - GNR 983 (Listing Notice 1) & Activity 13 - GNR 921 (Category A)
- Re-Use of Mine Waste Rock at the Mine Waste Rock Stockpile: Activity 2 - GNR 921 (Category B)

## SUMMARY OF THE PUBLIC PARTICIPATION PROCESS

- Design the Public Participation Programme (PPP)
- Compile/Update the I&AP Data Base
- Pre-Application Discussion - DMR (Klerksdorp) & DWS (Hartbeespoort)
- Compile PPP Documentation (Notification Letters, BID, Site Notices, Newspaper Adverts)
- Place Newspaper Adverts
- Put up Site Notices
- Distribute Notification Letters
- Compile and print PPP Documents for Public Meeting
- Prepare for Public Meeting
- Conduct Public Meeting
- Compile and Distribute Minutes of Public Meeting
- Conduct Focus Group Meetings
- Compile and Distribute Minutes of Focus Group Meetings
- Distribute PPP Documents (Scoping Report, EIA Report and EMPr) for Review
- Collect PPP Documents after Review
- Capture and Respond to Issues and Concerns
- Update Issues and Concerns Register
- Update the PPP Documents if necessary – Compile and Print
- Submit all to DMR for Consideration

## ROLE OF THE I&AP'S

Interested and Affected Parties (I&AP's) have the right to raise any issue that they may deem as important and that they feel, needs to be investigated prior to approval being granted with regards to this application. These issues raised, must then be formally registered by the Environmental Assessment Practitioner (EAP), and be subsequently investigated. The EAP must respond to all issues raised during the Public Participation Process.

The roles of I&AP's in a Public Participation Process include *inter alia* one or more of the following:

- Provide an opportunity for I&AP's, EAP's, and the Competent Authority (CA) to obtain clear, accurate and understandable information about the environmental impacts of the proposed activity or implications of a decision;
- Provide I&AP's with an opportunity to voice their support, concerns and questions regarding the project, application or decision;
- Provide I&AP's with the opportunity of suggesting ways of reducing or mitigating any negative impacts of the project and for enhancing its positive impacts;
- Enables an applicant to incorporate the needs, preferences and values of affected parties into its application;
- Provide opportunities for clearing up misunderstandings about technical issues, resolving disputes and reconciling conflicting interests;
- It is an important aspect of securing transparency and accountability in decision-making.
- It contributes towards maintaining a healthy, vibrant democracy.

## AUTHORITY PARTICIPATION

In view of the fact that Hernic Ferrochrome (Pty) Ltd operates as a mine, the administrative process is that of the "Single Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

The Public Participation Process must give all potential or registered interested and affected parties, including the CA, a period of at least **30 days** to submit comments on the Reports submitted in terms of the S&EIR Process.

## SUMMARY OF THE SCOPING AND ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS WITH THE RELEVANT TIMELINE

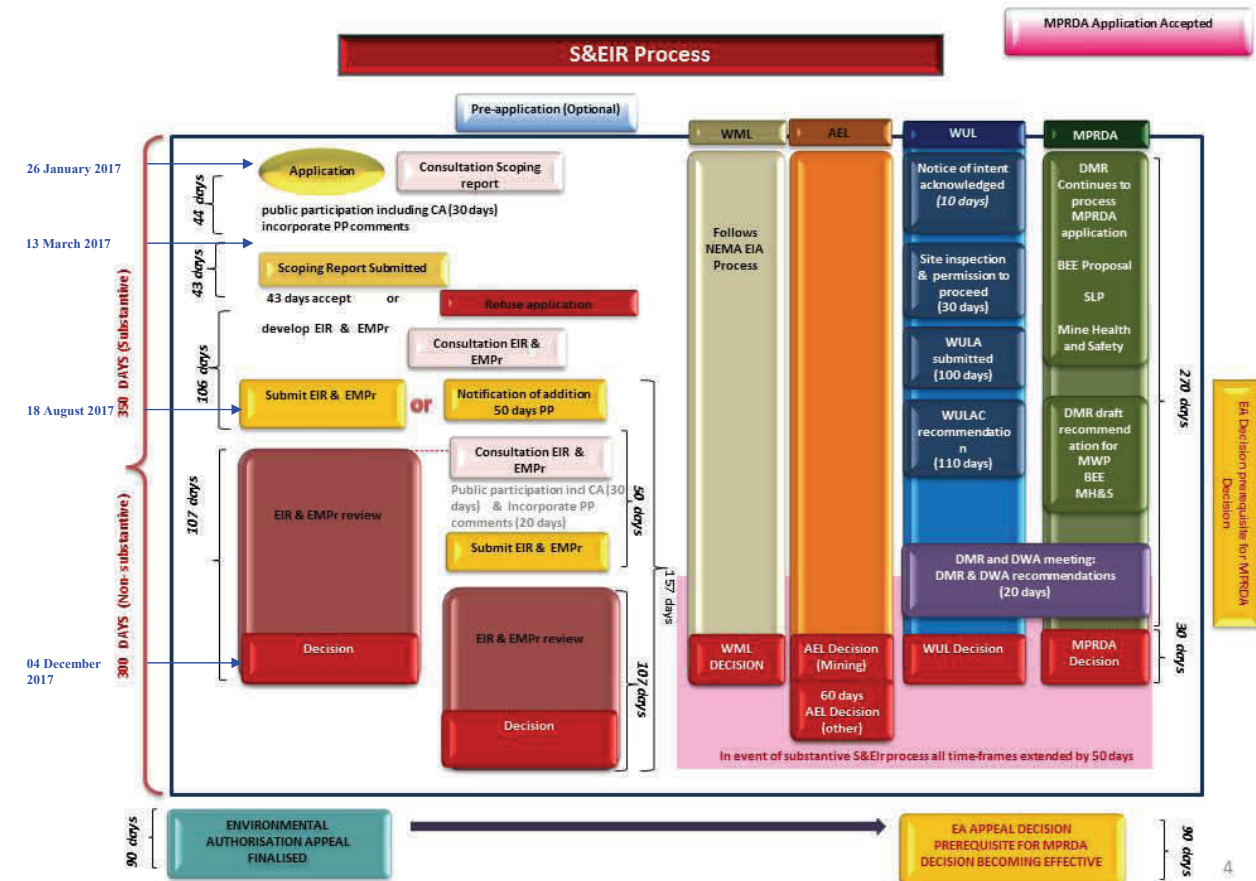
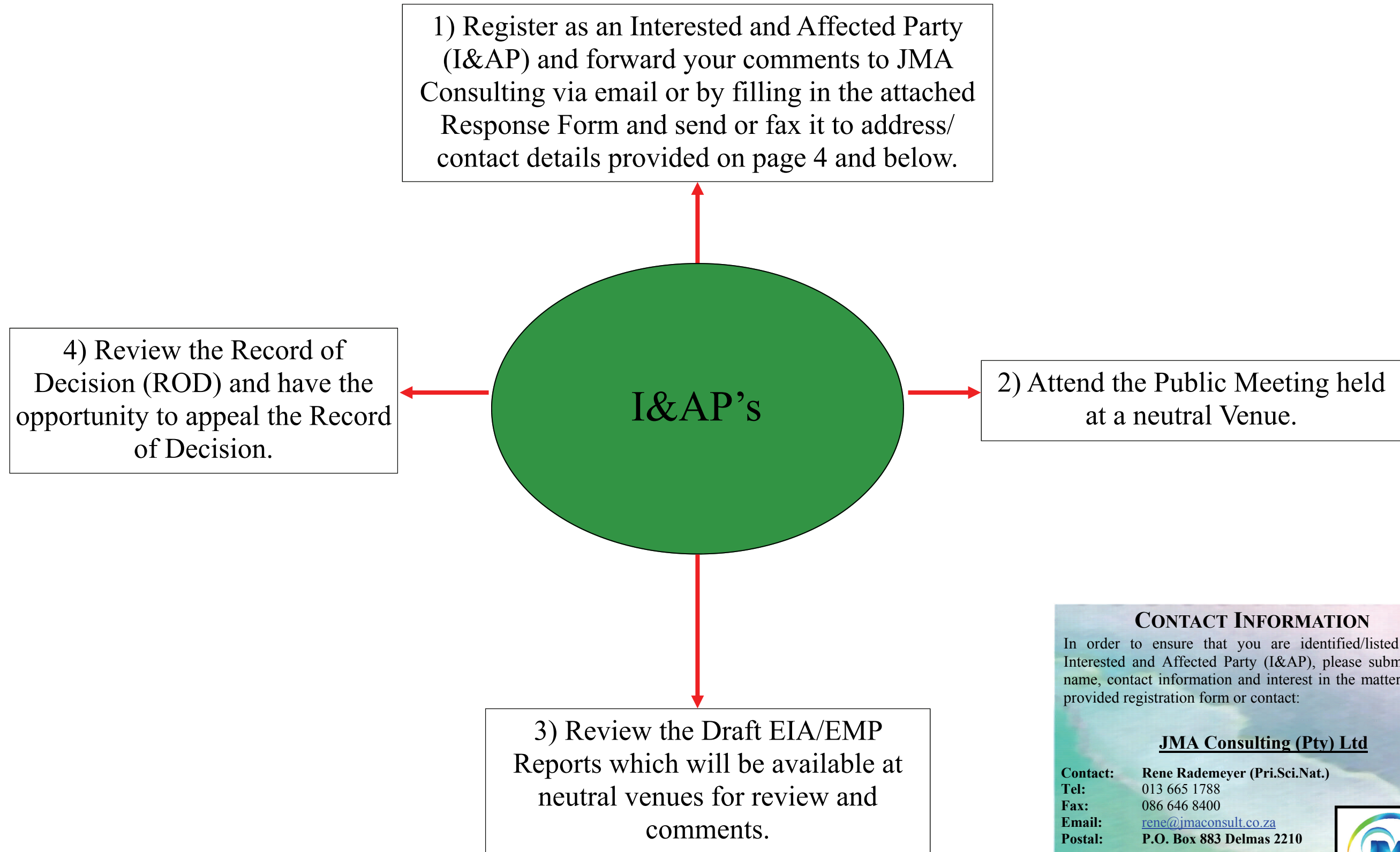


Figure 1: S&EIR Process and Relevant Timeline

## HOW TO GET INVOLVED IN THE S&EIR PROCESS



**CONTACT INFORMATION**

In order to ensure that you are identified/listed as an Interested and Affected Party (I&AP), please submit your name, contact information and interest in the matter on the provided registration form or contact:

**JMA Consulting (Pty) Ltd**

**Contact:** Rene Rademeyer (Pri.Sci.Nat.)  
**Tel:** 013 665 1788  
**Fax:** 086 646 8400  
**Email:** [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)  
**Postal:** P.O. Box 883 Delmas 2210



# NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

**Environmental Authorization(s)** in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA) will be required for the proposed activities.

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a S&EIR Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In terms of the Public Participation Process, the following topics will be discussed during the Public Meeting:

- The Legal Environmental Authorisation Requirements relevant to the project;
- The Draft EIA/EMP Reports;
- The way forward in the S&EIR Process.

**Applicant:** Hernic Ferrochrome (Pty) Ltd

**Process Description:** HERNIC FERROCHROME wishes to Decommission, Develop and Expand activities to their current mining and smelting operations which require **Environmental Authorization** in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA).

In view of the fact that HERNIC FERROCHROME operates as a mine, the administrative process is that of the **"Single Environmental System"** with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

**Project Location:** The HERNIC FERROCHROME site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province.

**Consultant:** Rene Rademeyer  
JMA Consulting (Pty) Ltd  
**Tel:** (013) 665 1788  
**Fax:** (013) 665 2364  
**Email:** [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)  
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**JMA Consulting (Pty) Ltd**  
*Sustainable Environmental Solutions  
through  
Integrated Science and Engineering*

**Date of Publication:** 15/16 June 2017

**Public Participation:** In accordance with the EIA Regulations (GNR 982 of 04 December 2014) you are hereby then cordially invited to attend the Public Meeting scheduled for **11:00 on 30 June 2017** at the HERNIC FERROCHROME Admin Lapas.

Draft EIA/EMP Reports will be available at the following venues for a review period of 30 days starting 30 June 2017 up to 31 July 2017:

Madibeng (Brits) Local Library  
HERNIC FERROCHROME Main Entrance  
JMA website: [www.jmaconsult.co.za](http://www.jmaconsult.co.za)

In order to ensure that you are identified and registered as an Interested and Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to the consultant, Mrs Rene Rademeyer as given above by means of **fax, e-mail or post**.

**If any further information is required please do not hesitate to contact us.**

# NOTICE OF A SCOPING & ENVIRONMENTAL IMPACT REPORTING (S&EIR) PROCESS AND A PUBLIC MEETING

Notice is hereby given of a Public Participation Process, specifically a Public Meeting to be held, as required in terms of the provisions contained in *inter alia* the Environmental Impact Assessment (EIA) Regulations, GNR 982 of 04 December 2014 published in terms of the National Environmental Management Act, (Act No 107 of 1998) as it relates to an Application for Environmental Authorisation(s) to which a Scoping and Environmental Impact Reporting (S&EIR) Process has to be applied.

**Applicant:**

Hernic Ferrochrome (Pty) Ltd

**Process Description:**

Hernic Ferrochrome wishes to Decommission, Develop and Expand activities to their current mining and smelting operations which require Environmental Authorization in terms of the provisions of the Mineral and Petroleum Resources Development Act (MPRDA), the National Environmental Management Act (NEMA), the National Environmental Management: Waste Act (NEMWA), the National Environmental Management Air Quality Act (NEMAQA), as well as the National Water Act (NWA).

Based on the nature of the proposed activities, the necessary applications have to be supported *inter alia* by a Scoping and Environmental Impact Assessment and Reporting (S&EIR) Process as defined in Regulation 21, 22, 23 and 24 of the EIA Regulations, 2014 - GNR 982 of 04 December 2014.

In view of the fact that Hernic Ferrochrome operates as a mine, the administrative process is that of the "Single Environmental System" with the Department of Mineral Resources (DMR) being the Competent Authority (CA).

**Project Location:**

The Hernic Ferrochrome site falls within the Madibeng Local Municipality which is located within the Bojanala District Municipality of the North-West Province.

**Date of this Advertisement:**

12/13 January 2017

**Consultant:**

JMA Consulting (Pty) Ltd

Contact: Rene Rademeyer

Tel: (013) - 665 1788

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Email: [rene@jmaconsult.co.za](mailto:rene@jmaconsult.co.za)

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In order to ensure that you are identified and registered as an Interested and Affected Party please submit your name, contact information and interest in the matter, in writing, to the consultant, Mrs Rene Rademeyer, as given above by means of fax, e-mail or post.

You are also cordially invited to attend the Interested & Affected Party Public Meeting scheduled for

**11h00 on 30 June 2017**

at the Hernic Ferrochrome Admin Lapa, where further registration as I&AP can be done.

Draft EIA/EMP Reports will be available at the following venues for a review period of **30 days** starting 30 June 2017 up to 31 July 2017:

- Madibeng (Brits) Local Library
- Hernic Ferrochrome Main Entrance
- JMA website: [www.jmaconsult.co.za](http://www.jmaconsult.co.za)

If any further information is required please do not hesitate to contact us.