



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).

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#### **IMPORTANT NOTICE**

**Kindly note that:**

1. As from 8 December 2014, this document serves as the application form, and incorporates the requisite documents that are to be submitted together with the application for the necessary environmental authorisations in terms of the said Acts.
2. This application form is applicable while the Mineral and Petroleum Resources Development Amendment Act of 2008 is in effect, as the form may require amendment should the Act be further amended.
3. Applicants are required to apply for the necessary water use licence and any other authorisations or licences to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right or permit in terms of the MPRDA, applicants will be required to provide evidence to the Regional Manager that a water use licence has been applied for.
4. The Regional Manager will respond to the application and provide the reference and correspondence details of the Competent Authority, and in the event that the application for a right or permit is accepted, together with the date by which the relevant environmental reports must be submitted. Notwithstanding anything that may appear to be stated to the contrary in the acceptance letter, the timeframes are in fact aligned and the prescribed timeframes for the submission of documents as regulated by the NEMA regulations must be strictly adhered to.
5. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
6. The failure to submit complete information as required in this application form may result in the refusal of the application for an environmental authorisation and consequently of the right or permit applied for.
7. This application must be submitted through the SAMRAD online application system of the Department of Mineral Resources under "Other documents to upload".
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. Please note that an application fee is payable in terms of the National Environmental Management Act and the National Waste Management Act, which fees must be paid upon lodgement of the application. Should the said application fees not be paid as prescribed the application for a right or permit in terms of the Mineral and Petroleum Resources Development Act cannot be considered to have been made in the prescribed manner and the said

application for a right or permit will have to be rejected. In this regard the type of applications must be identified in the table below.

**PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR.**

APPLICATION TYPE	APPLICABLE FEE	Mark with an X where applicable
NEMA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input checked="" type="checkbox"/>
NEMWA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMWA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	<input type="checkbox"/>
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	<input type="checkbox"/>

**1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT**

This is an application for a new Tailings Storage Facility requiring a NEMA S&EIR as part of an Intergarted Environmental Authorisation and Waste Management License Application.

**2. DETAILS OF THE APPLICANT**

Project applicant:	Harmony Gold Mining Company Ltd		
Registration no (if any):	1950/038232/06		
Trading name (if any):			
Responsible Person, (e.g. Director, CEO, etc.):	Environmental Manager		
Contact person:	John van Wyk		
Physical address:	Randfontein Office Park Corner Main Reef Rd and Ward Ave Randfontein Gauteng 1759		
Postal address:	P O Box 2 Randfontein Randfontein Gauteng		
Postal code:	1760	Cell:	+27 83 682 4089

Telephone:	+27 18 478 6519	Fax:	-
E-mail:	jvwyk@harmony.co.za		

### 3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	John von Mayer		
Professional affiliation/registration:	Registered Professional Natural Scientist with SACNASP (400336/11) Registered Environmental Assessment Practitioner with EAPASA (2019/1247)		
Contact person (if different from EAP):	Same as EAP		
Company:	Environmental Impact Management Services (Pty) Ltd		
Physical address:	8 Dalmeny Road, Pine Park, Randburg		
Postal address:	P.O Box 2083, Pinegowrie		
Postal code:	2123	Cell:	+27 (0)84 404 3673
Telephone:	+27 (0)11 789 7170	Fax:	+27 (0)86 571 9047
E-mail:	john@eims.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by the NEMA Regulations, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as **Appendix 1**.

### 4. PROJECT DESCRIPTION

<b>Farm Name</b>	The proposed pipeline will traverse Farms Klippan 14 Portion 2, Remaining Extent and Portion 1 of Stuirmanspan 92, Remaining Extent of Marmageli 20, Portions 1, 2, 3, 4, 5 and 6 of St Helena 42.		
<b>Application Area (Ha)</b>	The application area includes a return water pipeline of 11.4 kms (~1,14ha)		
<b>Magisterial District</b>	Lejweleputswa District Municipality		
<b>Distance and direction from nearest towns</b>	The project is located approximately 6km south of Welkom Central		
<b>21-digit Surveyor General Code for each Portion</b>	<b>Farm Name:</b>	<b>Portion:</b>	<b>21 Digit Surveyor General Code</b>
	Klippan 14	2	F0390000000001400002
	Stuirmanspan 92	Rem. Ext.	F03900000000009200001
	Stuirmanspan 92	1	F03900000000009200000
	Marmageli 20	Rem. Ext.	F03900000000002000000
	St Helena 42	1	F03900000000004200001

	St Helena 42	2	F0390000000004200002
	St Helena 42	3	F0390000000004200003
	St Helena 42	4	F0390000000004200004
	St Helena 42	5	F0390000000004200005
	St Helena 42	6	F0390000000004200006
<b>Locality map</b>	Please find Locality attached as <b>Appendix 2</b> .		
<b>Description of the overall activity.</b>  (Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)	<p>The project involves the construction and operation of a new return water pipeline linking the St Helena 123 Tailings Storage Facility (TSF) Return Water Dam to Dam 13.</p> <p>The proposed pipeline will be approximately 11.4 km in length and constructed as a 650 NB flanged steel pipeline, manufactured to SANS 719 standards, and installed above-ground on prefabricated concrete plinths. The system is designed to convey return water at a flow rate of 1,583 m<sup>3</sup>/hr and will follow an existing approved pipeline corridor wherever possible to minimise additional environmental disturbance.</p> <p>The pipeline forms part of broader infrastructure required to support Harmony Gold Mining Company Ltd's operations and future integration into the Free State Reclamation Programme, including the proposed Nooitgedacht TSF.</p> <p>The activity falls within and supports water-management functions associated with the following affected Mining Right Areas:</p> <ol style="list-style-type: none"> <li>1. St Helena (MR85)</li> <li>2. Harmony, Virginia, Merriespruit, Unisel, Brand, Saaiplaas &amp; Masimong (MR82)</li> <li>3. Bambanani (MR83)</li> </ol> <p>The project is situated within the Matjhabeng Local Municipality in the Lejweleputswa District Municipality of the Free State Province.</p>		

## 5. ACTIVITIES TO BE AUTHORIZED

(Please provide copies of Environmental Authorisations obtained for the same property as **Appendix 3**).

(For an application for authorisation indicated. Please note that for a project that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be included. Please note that any authorisation that may result from this application will only cover activities specifically applied for). (Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as **Appendix 2**)

Name of activity	Aerial extent of the activity	Listed Activity	Applicable listing notice	Waste management authorisation
<p><b>(E.g. For prospecting</b> - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route <b>etc...etc...etc</b></p> <p><b>E.g. for mining</b>, - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)</p>	Ha or m <sup>2</sup>	(Mark with an X where applicable or affected).		(Indicate whether an authorisation is required in terms of the Waste Management Act).  (Mark with an X)
<p>Construction and operation of an above-ground return water pipeline. This will entail the placement of prefabricated concrete plinths along the proposed route, on top of which the 650NB pipe will be laid.</p> <p>Sections of the pipeline traverse and area identified as being part of Ecological Support Area (ESA) 2. For this reason, Listing Notice 3 is also triggered.</p>	11,4 km (~1,14ha)	X	Listing Notice 1, Activity 10  Listing Notice 3, Activity 14	
Construction of the pipeline will involve ground clearing, excavating, and levelling where necessary to accommodate for the laying of the plinths		X	Listing Notice 1, Activity 19	
The amending of the existing approved EMPr of the Mining Right(s) for the addition of the EMPr of the proposed infrastructure as an addendum.		X	Listing Notice 21D	

## 6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required by Regulation.

**Details of the Public Participation process to be followed.**

### 6.1.1. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?	X	
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties be identified?	X	

Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?	X	
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	X	
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted?	X	
Will the Provincial Department responsible for the environment be consulted?	X	
Will all of the parties identified above be provided with a description of the proposed mining /prospecting operation as referred above?	X	
Will all the parties identified above be requested in writing to provide information as to how their interests (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining project?	X	
Other, Specify	N/A	

#### 6.1.2. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

<p><b>Steps to be taken to notify interested and affected parties</b> (Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as <b>Appendix 4</b>).</p>	<p><b>PROVIDE DESCRIPTION HERE</b></p> <p>Interested and Affected Parties (I&amp;AP's) have been notified of the project via registered letters, emails and facsimiles. Site notices and posters have been placed in and around the application area.</p> <p>An initial notification period has been undertaken for this project. A total of ten (10) site notices (A1 Size, correx) and 2 additional A3 Size posters have been placed in and around the proposed application area; in addition, newspaper advertisements were placed in the newspapers which are widely distributed in the area. The public participation process has been, and will continue to be, undertaken in accordance with the NEMA process and the 2014 Regulations. The draft basic assessment report will be made available for public review and comment for a period of 30 days, within the prescribed timeframes following submission of this Application Form. A further period of 30 days will be provided to I&amp;AP's to comment on the final basic assessment report during that phase of the application process. The information submitted by I&amp;AP's via any form will be utilised during the Impact Assessment and compilation of the basic assessment report.</p>
	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>• The site plans.</li> </ul>

<p><b>Information to be provided to Interested and Affected Parties.</b></p>	<ul style="list-style-type: none"> <li>• List of activities to be authorised.</li> <li>• Scale and extent of activities to be authorised.</li> <li>• Typical impacts of activities to be authorised.</li> <li>• The duration of the activity.</li> <li>• Sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land.</li> </ul> <p><b>Other, specify:</b></p> <ul style="list-style-type: none"> <li>• The purpose of the proposed project.</li> <li>• Details of the affected properties (including parent farm and portion).</li> <li>• Details of the MPRDA and NEMA Regulations that must be adhered to.</li> <li>• The activities being applied for.</li> <li>• Date by which comment, concerns and objections must be submitted.</li> <li>• Contact details of the Environmental Assessment Practitioner (EAP).</li> </ul>
<p><b>Information to be required from Interested and Affected Parties.</b></p>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>• To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions.</li> <li>• To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity.</li> <li>• To provide information on current land uses and their location within the area under consideration.</li> <li>• To provide information on the location of environmental features on site to make proposals as to how, and to what standard, the impacts on site can be remedied.</li> <li>• To mitigate the potential impacts on their socio-economic conditions to make proposals as to how the potential impacts can be managed, avoided or remedied.</li> </ul> <p><b>Other, Specify:</b></p> <ul style="list-style-type: none"> <li>• Details of the landowner and information on lawful occupiers.</li> <li>• Details of any communities existing within the area.</li> <li>• Details of any Tribal Authorities within the area.</li> <li>• Details of any other I&amp;AP's that need to be notified.</li> <li>• Details on any land developments proposed.</li> <li>• Details of any perceived impacts to the environment that should be considered in the basic assessment report.</li> <li>• Any specific comments, concerns or objections to the proposed extension project.</li> </ul>

## 7. DESCRIPTION OF THE ASSESSMENT PROCESS TO BE UNDERTAKEN

ITEM	DESCRIPTION
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<p><b>Environmental attributes.</b></p> <p><b>Describe how the Environmental attributes associated with the development footprint will be determined.</b></p>	<p>For the BAR phase the description of the existing status of the current receiving environment will be compiled through site verification by the EAP, desktop data, available GIS information as well as from recent monitoring reports and available information from the existing mine in addition to detailed specialist investigations to be completed.</p>
<p><b>Identification of impacts and risks. (Describe the process that will be used to identify impacts and risks.)</b></p>	<p>The identification of potential impacts and risks for assessment will be undertaken through I&amp;AP consultation and the development of an in depth understanding of the activities, actions and processes to be undertaken on site based on the EAP's experience with similar projects as well as input from specialists. As such, the potential impacts and risks on broad environmental aspects, in respect of each of the main project actions, activities and processes will be assessed during the basic assessment process.</p> <p>The impact assessment methodology to be used is guided by the requirements of the NEMA EIA Regulations. The broad approach to the significance rating methodology is to determine the environmental risk (ER) by considering the consequence (C) of each impact (comprising Nature, Extent, Duration, Magnitude, and Reversibility) and relate this to the probability/likelihood (P) of the impact occurring. This determines the environmental risk. In addition, other factors, including cumulative impacts, public concern, and potential for irreplaceable loss of resources, are used to determine a prioritisation factor (PF) which is applied to the ER to determine the overall significance (S).</p>
<p><b>Consideration of alternatives. Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or technology to</b></p>	<p>The identification and assessment of alternatives is a key component to the success of any EIA process. Essentially, alternatives represent different means of meeting the general purpose and need of the proposed project through the identification of the most appropriate method of development. As the project falls along the proposed and authorised FSN 1 pipeline, the proposed pipeline route is considered to be associated with less impacts than any alternative route.</p> <p>Input from various stakeholders will be obtained during the Public Participation Process and the alternative options considered will further be discussed in the BA Report.</p>

<p>be applied will be determined.</p>																
<p>Process to assess and rank impacts. Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.</p>	<p><u>Method of Assessing Impacts:</u></p> <p>The impact assessment methodology is guided by the requirements of the NEMA EIA Regulations. The broad approach to the significance rating methodology is to determine the <u>environmental risk (ER)</u> by considering the <u>consequence (C)</u> of each impact (comprising Nature, Extent, Duration, Magnitude, and Reversibility) and relate this to the <u>probability/likelihood (P)</u> of the impact occurring. This determines the environmental risk. In addition, other factors, including cumulative impacts, public concern, and potential for irreplaceable loss of resources, are used to determine a <u>prioritisation factor (PF)</u> which is applied to the ER to determine the overall <u>significance (S)</u>.</p> <p><u>Determination of Environmental Risk:</u></p> <p>The significance (S) of an impact is determined by applying a prioritisation factor (PF) to the environmental risk (ER).</p> <p>The environmental risk is dependent on the consequence (C) of the particular impact and the probability (P) of the impact occurring. Consequence is determined through the consideration of the Nature (N), Extent (E), Duration (D), Magnitude (M), and reversibility (R) applicable to the specific impact.</p> <p>For the purpose of this methodology the consequence of the impact is represented by:</p> $C = \frac{(E+D+M+R)}{4} \times N$ <p>Each individual aspect in the determination of the consequence is represented by a rating scale as defined in Table 1.</p> <p><b>TABLE 1: CRITERIA FOR DETERMINING IMPACT CONSEQUENCE</b></p> <table border="1" data-bbox="371 1570 1305 1948"> <thead> <tr> <th>Aspect</th> <th>Score</th> <th>Definition</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Nature</td> <td>- 1</td> <td>Likely to result in a negative/ detrimental impact</td> </tr> <tr> <td>+1</td> <td>Likely to result in a positive/ beneficial impact</td> </tr> <tr> <td rowspan="3">Extent</td> <td>1</td> <td>Activity (i.e. limited to the area applicable to the specific activity)</td> </tr> <tr> <td>2</td> <td>Site (i.e. within the development property boundary),</td> </tr> <tr> <td>3</td> <td>Local (i.e. the area within 5 km of the site),</td> </tr> </tbody> </table>	Aspect	Score	Definition	Nature	- 1	Likely to result in a negative/ detrimental impact	+1	Likely to result in a positive/ beneficial impact	Extent	1	Activity (i.e. limited to the area applicable to the specific activity)	2	Site (i.e. within the development property boundary),	3	Local (i.e. the area within 5 km of the site),
Aspect	Score	Definition														
Nature	- 1	Likely to result in a negative/ detrimental impact														
	+1	Likely to result in a positive/ beneficial impact														
Extent	1	Activity (i.e. limited to the area applicable to the specific activity)														
	2	Site (i.e. within the development property boundary),														
	3	Local (i.e. the area within 5 km of the site),														

		4	Regional (i.e. extends between 5 and 50 km from the site)
		5	Provincial / National (i.e. extends beyond 50 km from the site)
	Duration	1	Immediate (<1 year)
		2	Short term (1-5 years),
		3	Medium term (6-15 years),
		4	Long term (the impact will cease after the operational life span of the project),
		5	Permanent (no mitigation measure of natural process will reduce the impact after construction).
	Magnitude/ Intensity	1	Minor (where the impact affects the environment in such a way that natural, cultural and social functions and processes are not affected),
		2	Low (where the impact affects the environment in such a way that natural, cultural and social functions and processes are slightly affected),
		3	Moderate (where the affected environment is altered but natural, cultural and social functions and processes continue albeit in a modified way),
		4	High (where natural, cultural or social functions or processes are altered to the extent that it will temporarily cease), or
		5	Very high / don't know (where natural, cultural or social functions or processes are altered to the extent that it will permanently cease).
	Reversibility	1	Impact is reversible without any time and cost.
		2	Impact is reversible without incurring significant time and cost.
		3	Impact is reversible only by incurring significant time and cost.
		4	Impact is reversible only by incurring prohibitively high time and cost.
		5	Irreversible Impact

Once the C has been determined the ER is determined in accordance with the standard risk assessment relationship by multiplying the C and the P (refer to). Probability is rated/scored as per Table 2.

**Table 2: Probability Scoring**

Probability	1	Improbable (the possibility of the impact materialising is very low as a result of design, historic experience, or implementation of adequate corrective actions; <25%),
	2	Low probability (there is a possibility that the impact will occur; >25% and <50%),
	3	Medium probability (the impact may occur; >50% and <75%),
	4	High probability (it is most likely that the impact will occur- > 75% probability), or
	5	Definite (the impact will occur),

The result is a qualitative representation of relative ER associated with the impact. ER is therefore calculated as follows:

$$ER = C \times P$$

**Table 3: Determination of Environmental Risk**

<b>Consequence</b>	5- Very High <sup>1</sup>	5	10	15	20	25
	4- High	4	8	12	16	20
	3- Medium	3	6	9	12	15
	2- Low	2	4	6	8	10
	1- Very low	1	2	3	4	5
		1- Improbable	2- Low	3- Medium/ Possible	4- High/ Probable	5- Highly likely/ Definite
<b>Probability</b>						

<sup>1</sup> In the event that an impact or risk has very high or catastrophic consequences, but the likelihood/ probability is low, then the resultant significance would be Low-medium. This does in certain instances detract from the relative important of this impact or risk and must consequently be flagged for further specific consideration, management, mitigation, or contingency planning.

The outcome of the environmental risk assessment will result in a range of scores, ranging from 1 through to 25. These ER scores are then grouped into respective classes as described in Table 4.

**Table 4: Significance Classes**

S Score	Description
≤4.25	Low (i.e. where this impact is unlikely to be a significant environmental risk/ reward).
>4,25, ≤8.5	Low-Medium (i.e. where the impact could have a significant environmental risk/ reward).
>8.5, ≤13.75	High-Medium (i.e. where the impact could have a significant environmental risk/ reward).
>13.75	High (i.e. where the impact will have a significant environmental risk/ reward).

The impact ER will be determined for each impact without relevant management and mitigation measures (pre-mitigation), as well as post implementation of relevant management and mitigation measures (post-mitigation). This allows for a prediction in the degree to which the impact can be managed/mitigated.

Impact Prioritisation:

Further to the assessment criteria presented above it is necessary to assess each potentially significant impact in terms of:

- Cumulative impacts; and
- The degree to which the impact may cause irreplaceable loss of resources.

To ensure that these factors are considered, an impact prioritisation factor (PF) will be applied to each impacts' post-mitigation significance (post-mitigation). This prioritisation factor does not aim to detract from the significance ratings but rather to focus the attention of the decision-making authority on the higher priority/significance issues and impacts. The PF will be applied to the post-mitigation significance based on the assumption that relevant suggested management/mitigation impacts are implemented.

**Table 5: Criteria for Determining Prioritisation**

<b>Cumulative Impact (CI)</b>	Low (1)	Considering the potential incremental, interactive, sequential, and synergistic cumulative impacts, it is unlikely that the impact will result in spatial and temporal cumulative change.
	Medium (2)	Considering the potential incremental, interactive, sequential, and synergistic cumulative impacts, it is probable that the impact will result in spatial and temporal cumulative change.
	High (3)	Considering the potential incremental, interactive, sequential, and synergistic cumulative impacts, it is highly probable/ definite that the impact will result in spatial and temporal cumulative change.
<b>Irreplaceable Loss of Resources (LR)</b>	Low (1)	Where the impact is unlikely to result in irreplaceable loss of resources.
	Medium (2)	Where the impact may result in the irreplaceable loss (cannot be replaced or substituted) of resources but the value (services and/or functions) of these resources is limited.
	High (3)	Where the impact may result in the irreplaceable loss of resources of high value (services and/or functions).

The value for the final impact priority is represented as a single consolidated priority, determined as the sum of each individual criteria represented in **Table 5**. The impact priority is therefore determined as follows:

$$\text{Priority} = \text{PR} + \text{CI} + \text{LR}$$

The result is a priority score which ranges from 3 to 9 and a consequent PF ranging from 1 to 2 (Refer to Table 6).

**Table 6: Determination of Prioritisation Factor**

Priority	Prioritisation Factor
2	1
3	1.125
4	1.25
5	1.375
6	1.5

In order to determine the final impact significance (FS), the PF is multiplied by the post-mitigation significance scoring. The ultimate aim of the PF is an attempt to increase the post mitigation environmental risk rating by a factor of 0.5, if all the priority attributes are high (i.e. if an impact comes out with a high medium environmental risk after the conventional impact rating, but there is significant cumulative impact potential and significant potential for irreplaceable loss of resources, then the net result would be to upscale the impact to a higher significance).

**Table 7: Final Environmental Significance Rating**

Significance Rating	Description
<-25	<b>Very High (Impacts in this class are extremely significant and pose a very high environmental risk. In certain instances these may represent a fatal flaw. They are likely to have a major influence on the decision and may be difficult or impossible to mitigate. Offset's may be necessary.</b>
<-13.75 to -25	High negative (These impacts are significant and must be carefully considered in the decision-making process. They have a high environmental risk or impact and require extensive mitigation measures).
-8.5 to -13.75	Medium-High negative (i.e. Impacts in this class are more substantial and could have a significant environmental risk. They may influence the decision to develop in the area and require more robust mitigation measures).
<-4.25 to <-8.5	Medium- Low negative (i.e. These impacts are slightly more significant than low impacts but still do not pose a major environmental risk. They might require some mitigation measures but are generally manageable).
-1 to -4.25	Low negative (i.e. Impacts in this class are minor and unlikely to have a significant environmental risk. They do not influence the decision to develop in the area and are typically easily mitigated.
0	No impact
1 to 4.25	Low positive
>4.25 to <8.5	Medium-Low positive
8.5 to 13.75	Medium-High positive
>13.75	High positive

The significance ratings and additional considerations applied to each impact will be used to provide a quantitative comparative assessment of the alternatives being considered. In addition, professional expertise and opinion of the specialists and the environmental consultants will be applied to provide a qualitative comparison of the alternatives under consideration. This process will identify the best alternative for the proposed project.

<p><b>Contribution of specialist reports</b></p> <p><b>Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.</b></p>	<p>Several specialist studies will be undertaken to address the key issues. The specialist studies involve the gathering of data relevant to identifying and assessing environmental impacts that may occur as a result of the proposed project. These impacts were then assessed according to pre-defined rating scales. Specialists also recommend appropriate mitigation / control or optimisation measures to minimise potential negative impacts or enhance potential benefits, respectively. The following specialist studies are being conducted:</p> <ul style="list-style-type: none"> <li>• Hydrology Impact Assessment;</li> <li>• Aquatics and Wetland Assessment;</li> <li>• Hydrogeology Assessment;</li> <li>• Terrestrial Ecology Assessment;</li> <li>• Heritage Impact Assessment;</li> <li>• Palaeontological Impact Assessment;</li> <li>• Closure and Rehabilitation Plan.</li> </ul> <p>All specialists are required to adhere to the the EAPs method of assessing impacts, as detailed above. The specialist studies will inform the assessment (BAR/EMPr) with input into the sensitivity mapping. The specialists will also be required to comply with the National and/or Provincial protocols.</p> <p>It is crucial to note that the Sensitivity Mapping is to be used as a first level mechanism to provide guidance (where viable) regarding design and layout and identify operational alternatives for further assessment. In addition, the mapping exercise allows the identification of certain spatial characteristics which may not be compatible or desirable for the purpose of infrastructure placement as well as (where possible) circumnavigating potential fatal flaws.</p>
<p><b>Determination of impact management objectives and outcomes.</b></p> <p>Describe how impact management objectives will be determined for each activity to address the potential impact at source, and</p>	<p>The objectives of the impact management measures shall be to firstly anticipate and avoid risks and impacts. This shall be accomplished through the adoption of a risk and impact assessment process which aims to identify all relevant environmental and social risks and receptors that are likely to be affected by such risks and impacts, including the issues identified by I&amp;AP's during the consultation process. The impact and risk identification process shall take into consideration each activity and its associated potential impacts. The impact management objectives will be incorporated into and EMPr. The EMPr developed for the project shall include mechanisms whereby social and environmental risk and impacts shall be avoided and mitigated. The objectives of this environmental management framework shall be:</p> <ul style="list-style-type: none"> <li>• To anticipate potential risks and impacts associated with each activity pre-emptively through the implementation of risk assessment techniques and early warning systems such as environmental monitoring and inspections;</li> <li>• To develop and implement preventative measures to ensure known risks and impacts are addressed at source wherever possible (e.g. spill prevention procedures);</li> </ul>

<p>how the impact management outcomes will be aligned with standards.</p>	<ul style="list-style-type: none"> <li>To implement detailed management measures to ensure that where avoidance of impacts is not possible, mitigation measures are in place to minimize impacts to workers, affected landowners/occupiers/communities, and the environment; and</li> <li>To provide a framework for adaptive environmental management within the EMPr whereby impacts from unplanned events or incidents caused by the project may be effectively controlled to minimise impacts to workers, affected landowners/occupiers/communities, and the environment.</li> </ul> <p>The management and mitigation measures shall be developed in accordance with applicable standards and guidelines, which may include, but is not limited to:</p> <ul style="list-style-type: none"> <li>Legislated Standards (e.g.: air quality guidelines and standards);</li> <li>South African National Standards (SANS) (e.g.: SANS water quality standards);</li> <li>Where Applicable, International Standards and Guidelines;</li> <li>Applicable National and Regional Frameworks (e.g.: Bioregional Plans; Spatial Development Frameworks, National Protected Area Expansion Strategy Focus Areas, Environmental Management Frameworks, etc.);</li> <li>Applicable Guidelines developed by authorities (e.g.: DMRE guidelines, NEMA EIA guidelines); and</li> <li>Other Applicable guidelines (e.g.: Mining and Biodiversity Guidelines).</li> </ul> <p>To ensure that the impact management outcomes can be monitored, and performance evaluated, performance targets and indicators shall be developed where appropriate. Compliance and alignment with the prescribed standards shall be measures against the defined Performance Targets and Indicators through the implementation of a system of inspections and compliance monitoring as defined in the EMPr.</p>
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## 8. OTHER AUTHORIZATION REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
<b>SEMA's</b>				
National Environmental Management: Air Quality Act		X		X
National Environmental Management: Biodiversity Act		X		X
National Environmental Management: Integrated Coastal Management Act		X		X
National Environmental Management: Protected Areas Act		X		X
National Environmental Management: Waste Act		X		X
<b>National legislation</b>				
Mineral and Petroleum Resources Development Act	X		X	

National Water Act	X		X	
National Heritage Resources Act	X		X	
Others: Please specify		X		X

Please provide proof of submission of applications in Appendix 5<sup>2</sup>.

In the event that an authorization in terms of the National Environmental Waste Management Act is required for any of the activities applied for please state so clearly in order for such an authorisation to be considered as part of this application.

*Please take note that the applicability of the following Acts listed below will be confirmed during the EIA Phase of the project:*

- *National Environmental Management: Biodiversity Act (particularly relating to permit applications for the removal/relocation of potential protected species identified on site); and*
- *National Heritage Resources Act (particularly relating to potential heritage features and archaeological finds).*

*Should it be found that any listed activities within these Acts will be triggered; the necessary permit and license application process will be followed at a reasonable time in accordance with the regulations. As far as possible, the intended outcome of the EIA and EMP is to prevent the impacts relating to the above-mentioned legislation.*

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<sup>2</sup> All applications are captured by this application. Applications to DWS to be completed once final EIA report is ready for submission.

## 9. DRAFT EMPR

For consultation purposes, provide a high-level approach to the management of the potential environmental impacts of each of the activities applied for.

<b>ACTIVITIES</b>  (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc  E.g. for mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	<b>PHASE</b>  (of operation in which activity will take place).  State; Planning and design, Pre-Construction' Construction, Operational, Rehabilitation, Closure, Post closure.	<b>SIZE AND SCALE<sup>3</sup> (of Disturbance)</b>  (volumes, tonnages and hectares or m <sup>2</sup> )	<b>TYPICAL MITIGATION MEASURES</b>  (Eg, storm water control, dust control, noise control, access control, rehabilitation etc..., etc...,)	<b>COMPLIANCE WITH STANDARDS</b>  (A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
Excavations	Construction	11,4 km (~1,14ha)	Rehabilitation, avoidance of high sensitivity areas, dust and noise control.	The typical mitigation measures recommended will comply with all prescribed environmental management standards and practices.

<sup>3</sup> The size and scale of disturbance is a rough estimated at this stage. More accurate estimates will be provided during the EIA phase.

Pipeline route	Operation	11.4 km (~1,14ha)	Avoidance of sensitive areas where possible	
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**10. CLOSURE PLAN**

<p><b>In the space provided under each heading below, please provide a high-level description of the plan for closure and the information that will be provided in the draft EMPr accompanying the draft basic assessment report or environmental impact reports going forward.</b></p>	
<p><b>Baseline environment</b> Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment</p>	<p>The baseline environment will be assessed in one Phase: The Basic Impact Assessment phase, including the draft and final Basic Assessment Reports.</p> <p><b>Phase 1: Basic Impact Assessment Phase and Environmental Management Programme (EMPr):</b></p> <p>This will require a detailed desktop investigation by the EAP to familiarise themselves with the proposed application area and broadly determine the existing status quo of the receiving environment.</p> <p>During the BA phase of the project, a more detailed investigation will also be undertaken for the likely impacts. On completion of the BA level assessments, the EAP will begin compilation of the EMPr. The BA and EMPr will include the following information:</p> <ul style="list-style-type: none"> <li>• A detailed description of the receiving environment;</li> <li>• A description of the Public Participation Process methodology;</li> <li>• A record of the findings of the Public Participation Process;</li> <li>• An Basic Environmental Impact Assessment (EIA) during all project phases;</li> <li>• An Environmental Management Programme (EMPr) during all project phases;</li> <li>• Closure and Rehabilitation Plans;</li> <li>• Calculation of the Financial Provisions;</li> <li>• A detailed description of the need and desirability of the proposed activity including advantages and disadvantages that the activity will have to the environment and community;</li> <li>• A description of the methodology used in determining significance of identified impacts;</li> <li>• A description and comparative assessment of all alternatives identified;</li> </ul>

	<ul style="list-style-type: none"> <li>• A summary of the findings and recommendations of any Specialist Studies;</li> <li>• A description of all identified impacts and an assessment of the significance of each impact before and after implementation of proposed mitigation measures;</li> <li>• A description of assumptions, uncertainties and gaps in knowledge;</li> <li>• A recommendation as to whether the activity should be authorised and under what conditions;</li> <li>• An Environmental Impact Statement including key findings;</li> <li>• A draft Environmental Management Programme; and</li> <li>• Copies of any and all specialist studies carried out.</li> </ul> <p>Each identified impact will be assessed for significance by investigating and ranking the nature, duration, extent, magnitude and probability of each impact. In addition to this the reversibility and the potential for irreplaceable loss of resources will also be assessed. In accordance with the requirements of the EIA regulations a Draft Environmental Management Programme (EMPr) will also be prepared.</p> <p>Following submission of the BA, Specialist Studies and Draft EMPr to the registered I&amp;APs for review and comment, the final submission will be made to the DMRE.</p> <p><b>Public Participation Process:</b></p> <p>The Public Participation Process (PPP) will be robust and continue to engage interested and affected parties (IAPs) throughout all phases of the project. As a result of the public notifications, a register will be opened and maintained which will record all contact details of persons whom have submitted written comments or responded to the notification and who have requested that they be registered as IAPs. All registered IAPs will be informed of the required process of involvement as defined by the EIA regulations. All objections and representations received from IAPs will be collected and considered in this application. Responses will be prepared and distributed to those IAPs who submitted comments and/or objections. These comments /objections and responses will be recorded in an Comments and Responses Report (CRR) for inclusion into the Draft and Final BA Reports respectively. In addition, the registered IAPs will be given an opportunity to comment on all reports prepared to be submitted to the DMRE.</p>
<p><b>Closure objectives</b></p> <p>Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>The DMR Guideline presents generally accepted closure methods, based on experience in the field, which have been used as the basis for determining the Master Rates for the various closure components in the “rules-based” approach. Where relevant, specific reference is made to the site conditions and requirements applicable to the closure of the pipeline at Harmony. In addition, the relevant mine structures and components requiring closure are listed.</p> <p>The common method of valuation to determine the Master Rate for processing plants (in this case the pipeline as a component thereof) is that:</p>

	<ul style="list-style-type: none"> <li>• All infrastructure and concrete buildings should be broken down to natural ground level and buried adjacent to the plant site,</li> <li>• Foundations, structures and conveyors should be broken down to natural ground level,</li> <li>• The areas are to be covered with 1,0m subsoil, topsoiled with 300mm of topsoil and vegetation established, or as noted in the relevant EMP,</li> <li>• The monitoring and maintenance of these areas has been costed under the appropriate areas,</li> <li>• The concrete hardstand is the area between the plant buildings,</li> <li>• Top soiling and vegetation for the areas are included under general surface rehabilitation, and</li> <li>• No credits are allowed for scrap steel and equipment that can be re-used or sold.</li> </ul>
<p><b>Rehabilitation Plan</b></p> <p>Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.</p>	<p>A rehabilitation plan will be drawn to a suitable scale and provided in the BAR.</p>
<p><b>Rehabilitation Cost</b></p> <p>Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof</p>	<p>The rehabilitation cost will be calculated in detail with input from the various specialists assigned to the project and will be subject to annual review. Furthermore, the rehabilitation cost will also be based on implementation of the management measures to be included in the EMPr and revised accordingly for inclusion into the BA. Rehabilitation costs will be calculated according to the DMRE rates.</p>

<p><b>Decommissioning</b></p> <p>Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or the cessation of the overall prospecting/exploration or mining/production activity.</p>	<p>Decommissioning and closure will be described in detail in the EMPr.</p>
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**APPENDIX 1A**  
**DECLARATION OF THE EAP**

I, Lucien James, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

**Disclosure of Vested Interest**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;




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Signature of the environmental assessment practitioner:

**Environmental Impact Management Services (Pty) Ltd**


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Name of company:

18 March 2026

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Date:

I, John von Mayer, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;

- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

**Disclosure of Vested Interest**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;



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Signature of the environmental assessment practitioner:

**Environmental Impact Management Services (Pty) Ltd**

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Name of company:

18 March 2026

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Date:

## APPENDIX 1: CURRICULUM VITAE

## CURRICULUM VITAE

<b>Name:</b>	<b>John Paul von Mayer</b>
<b>Nationality:</b>	South African
<b>Date of Birth:</b>	24 September 1984
<b>Profession:</b>	Environmental Scientist
<b>Professional Qualification/ Training:</b>	BSc Honours Environmental Science; University of the Witwatersrand, 2007
	BSc Environmental Science; University of the Witwatersrand, 2006
	Certificate in Environmental Law, Rhodes University, 2011
<b>Professional Membership/ Registrations:</b>	Registered Professional Natural Scientist (SACNSP- #400336/11) EAPASA Registered Environmental Assessment Practitioner (2019/1247)
<b>Current Employer:</b>	Environmental Impact Management Services (Pty) Ltd.

## KEY EXPERIENCE

Mr John von Mayer is a senior consultant at EIMS and has been involved in numerous significant projects the past 17 years. He has experience in Project Management, small to large scale Environmental Impact Assessments, Environmental Auditing, Water Use Licensing, and Public Participation. He is a Registered Professional Natural Scientist (400336/11) with the South African Council Natural and Scientific Professions (SACNASP) as well as a registered EAPASA Environmental Practitioner (2019/1247) His key experience includes:

- Experience with identification and assessment of environmental impacts.
- Experience in environmental compliance and monitoring.
- Knowledge of environmental legislation and policies, planning process and regulatory frameworks.
- Knowledge and experience of public participation process.
- Strong competencies in the assessment of renewable energy and mining projects.
- Project management.

## CAREER SUMMARY

<b>Period: November 2016 - Present:</b>	<b>Organisation: EIMS</b>	<b>Position: Senior Environmental Assessment Practitioner</b>
<b>Key Projects/Assignments</b>	<u>Senior EAP:</u> Responsible for managing various projects. Main responsibilities include: <ul style="list-style-type: none"> <li>● Compilation of EIA reports</li> </ul>	



- Environmental audits and compliance reporting
- Compilation of Environmental Management Plans
- Various licensing and permitting applications

Currently involved in a number of ongoing projects, EIAs, etc.

Selected Project Experience:

- Update of Environmental Management Plans for three of Harmony's Freestate Gold Mining Operations (2018)
- Eloff Phase 3 Coal Mine extension EIA (2019 -2020).
- Vlakvarkfontein Coal Mine extension EIA and WULA (2018 – 2019).
- EA Basic Assessment application for Searcher 3D Seismic Survey Reconnaissance offshore project off the West Coast of South Africa (2022)
- Droogvallei Coal Mine Water Use Licence Application (2020)
- Elandsfontein mine extension EIA and Water Use Licence Application near Delmas Mpumalanga Province (2022)
- Proxa Eastern Basin Treatment Plant EA / EMPr Audit (2019)
- Harmony Mispah and Kareerand Pipelines EA and WULAs for various Harmony mines throughout Free-State (2023)
- External Environmental Compliance Audits for various Eskom power stations (Matimba, Medupi, Kusile etc) (2018 – 2022)
- Updates to Manungu Mine Rehabilitation Strategy and Implementation Plan (2017)
- Amendment of Environmental Authorization for Harmony Gold Mining Kalgold operations (2018)
- EMPr amendment for Harmony Moab mine (2019)
- Environmental Compliance Audit for the Amakhala Emoyeni Wind Far (2017)
- Environmental Compliance Audit for various coal mines including Canyon Coal's Hokhana Coal Mine (2017)
- Tetra4 EA / EMPr / WUL compliance audits for Cluster 1 exploration activities (2022 – 2024)
- Harmony Valley Tailings Storage Facility EIA and WULA near Welkom (2023 – current)
- Various EIAs and EMPrs for Glencore Solar PV facilities at Wonderkop smelter, Lydenburg smelter and Rhovan vanadium mine (2023-2024)
- EMPr Performance assessment audits at various Harmony Free-State operations (2021)



	<ul style="list-style-type: none"> <li>Sunbird Energy NEMA EA and EMPr offshore exploration compliance audit (2022)</li> </ul>	
<b>Period: June 2008 – June 2012 and October 2014 – November 2016</b>	<b>Organisation:</b> Savannah Environmental	<b>Position:</b> Senior Environmental Assessment Practitioner
<b>Key Projects/Assignments</b>	<p>Project Manager and Environmental Assessment Practitioner for the following:</p> <ul style="list-style-type: none"> <li>Environmental Impact Assessment for the Hopefield Wind Energy Facility, Western Cape Province in line with WB / IFC standards</li> <li>Environmental Impact Assessment for a Wind Energy Facility near Cookhouse, Eastern Cape Province in line with WB / IFC standards</li> <li>Basic Assessment for Cookhouse II Wind Energy Facility expansion project, Eastern Cape Province in line with WB / IFC standards</li> <li>Provision of Environmental Consulting Services for the Implementation and Compliance Monitoring of the Cookhouse Wind Energy Facility</li> <li>Environmental Post Construction Audits for Wind Monitoring Masts near Cookhouse and Oyster Bay</li> <li>Environmental Impact Assessments for the Amakhala Emoyeni Wind Energy Facilities near Bedford, Eastern Cape Province in line with WB / IFC standards.</li> <li>Environmental Impact Assessments and Environmental Management Plans for Wind Energy Facilities near Indwe and Sterkstroom, Eastern Cape Province</li> <li>Environmental Impact Assessment and Management Plan for Happy Valley Wind Energy Facility near Humansdorp, Eastern Cape Province</li> <li>Environmental Impact Assessment and Management Plan for Deep River Wind Energy Facility near Humansdorp, Eastern Cape Province</li> <li>Environmental Impact Assessment and Management Plan for 200km of Eskom Transmission Lines in Limpopo Province: Mokopane Integration Project</li> <li>Environmental Impact Assessment and Management Plan for Tsitsikamma Community Wind Energy Facility in the Eastern Cape Province</li> <li>Integrated Environmental Impact Assessment and Management Plan for Tshivhaso Coal Fired power Plant near Lephale</li> <li>Environmental Audits and Compliance Monitoring for Eskom Duvha Mine Water Recovery Project</li> <li>Completed Regional Siting Assessments for proposed Wind Energy Facilities on the West Coast for Investec.</li> <li>Numerous Basic Assessments including: Qoboshane Road and Access Bridge Project, Various 132kV power line projects throughout the country, Wastewater treatment facility for Harmony's Doornkop Mine, Camco PV project at Thaba Eco Lodge.</li> </ul>	



	<ul style="list-style-type: none"> <li>• Legal Review and Licenses Audit for Eskom Generation, Duvha Power Station.</li> <li>• Legal Review and License Audit for Eskom Generation, Hendrina Power Station.</li> <li>• External WUL and NEMA Performance Assessment for the Hakhano Colliery in Middelburg.</li> <li>• Annual Environmental Compliance, Equator Principles, IFC Performance Standards and World Bank EHS Guidelines Auditing for the construction of the 138MW Amakhala Emoyeni Project 1 Wind Energy Facility near Bedford, Eastern Cape Province.</li> </ul>	
June 2012 – October 2014: Senior Environmental Scientist;	<b>Organisation: Mills and Otten</b>	<b>Position: Environmental Scientist</b>
<b>Key Projects/Assignments</b>	Environmental Scientist at Mills and Otten. Worked on the following projects: <ul style="list-style-type: none"> <li>• Phase 1 and Phase 2 contamination assessments for BP, BP RM, Engen and Total SA at various filling stations and fuel installations throughout the country.</li> <li>• Remediation monitoring and Remediation Action Plans for various filling stations in Johannesburg for BP RM and Total SA.</li> <li>• Various Waste and Water Use License Applications</li> </ul>	

## LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Average	Good	Average

## DECLARATION

I confirm that the above information contained in the CV is an accurate description of my experience and qualifications and that, at the time of signature.

\_\_\_\_\_  
Signature of Staff Member

\_\_\_\_\_  
Date

## CURRICULUM VITAE

<b>Name:</b>	<b>Lucien Nicolas James</b>
Nationality:	South African
Date of Birth:	4 May 1993
Profession:	Environmental Consultant and Archaeologist
Professional Qualification/ Training:	BA (Archaeology and Geography); Wits University, 2017
	BSc (Hons) Geography, Archaeology and Environmental Studies; Wits University, 2018
	MSc (Geography); Wits University, 2021
	Ph. D. (Geography); Wits University, 2024
Professional Membership/ Registrations:	Registered Candidate Environmental Assessment Practitioner (EAPASA reg. no. 2023/6772)
	Accredited Professional Archaeologist (ASAPA member no. 0619)
Publications:	James, L. & Simatele, M.D. 2024. Bystanders or active participants? Mobilising meaningful participation in River Basin Management: Lessons from the Gauteng Province, South Africa. <i>International Journal of River Basin Management</i> . <a href="https://doi.org/10.1080/15715124.2024.2417405">https://doi.org/10.1080/15715124.2024.2417405</a> .
Current Employer:	Environmental Impact Management Services (Pty) Ltd.

## KEY EXPERIENCE

Lucien James is an environmental consultant and archaeologist with experience in different fields across the Arts, Social Science, Natural Science, and academia in general. He has been employed by EIMS as an environmental consultant since March 2023 working on several projects under various roles. He is registered with EAPASA as a Candidate EAP. Lucien has obtained a BSc (Hons) in Geography, Archaeology and Environmental Studies (Archaeology-focused) and is accredited as a Professional Archaeologist with Association of South African Professional Archaeologists (ASAPA). He holds a MSc in Geography having done research on phytoremediation and the mining industry. In 2024, he completed his Ph.D. through research with a focus on collaborative River Basin Management in South Africa. He has worked as a Teaching Assistant (TA) and researcher since 2018 and engages in academic work through publications and conferences. He has taught 1<sup>st</sup> year, 2<sup>nd</sup> year, 3<sup>rd</sup> year and Honour's Archaeology and Geography courses. His research has been funded by the National Research Foundation (NRF) and the Water Research Commission (WRC). He has also published his research in an international academic journal. He has presented his research at a national level through various conferences in South Africa and has participated in other conferences and workshops on Climate Change and Climate Change Adaptation.



## CAREER SUMMARY

Period: Current	Organisation: EIMS	Position: Environmental Consultant and Archaeologist
<b>Key Projects/Assignments</b>	<p><u>Project experience:</u></p> <ul style="list-style-type: none"> <li>• AEMFC Herbert Prospecting Basic Assessment – Public Participation</li> <li>• Aries-Kronos 400kV Powerline Upgrade – Project Assistance, on-site specialist oversight, Water Use License</li> <li>• Block 3B/4B Oil and Gas Offshore Exploration EIA – Public Participation</li> <li>• ENEL Solar PV – External Audit</li> <li>• Harmony Freddie's to Target Pipeline Part 1 EA Amendment and WUL Amendment – Project Management</li> <li>• Harmony FSN Pipeline Basic Assessment – Public Participation</li> <li>• Harmony Kusasaletu Pipeline Basic Assessment – Public Participation</li> <li>• Harmony Mispah Pipeline Basic Assessment – Public Participation</li> <li>• Harmony Nooitgedacht TSF EIA – Public Participation</li> <li>• Harmony Valley TSF EIA – Public Participation</li> <li>• Kusile Power Station Temporary Stacks MES Postponement and AEL Variation Application</li> <li>• Mine Waste Solutions Kareerand Pipeline Basic Assessment – Public Participation</li> <li>• Mooiplaats WUL Amendment – Project Management</li> <li>• Mulilo Struisbult PV2 EMPr Amendment – Public Participation</li> <li>• Mulilo Struisbult PV2 Grid Connection Basic Assessment – Public Participation</li> <li>• NTCSA Greater East London Phase 4 (Pembroke to Poseidon) 400kV Powerline Walkdown – Project oversight, Heritage Component, EMPr Addendum</li> <li>• Selkirk Avenue Development Pipeline Basic Assessment and EMPr – Project Assistance</li> <li>• Sibanye KDT1 Remining EIA – Public Participation and Heritage Impact Assessment (Exemption)</li> <li>• Sibanye Western Limb Tailings Re-treatment Facility Retrofitting Basic Assessment – Public Participation</li> <li>• Tetra4 Cluster 2 Gas Production EIA – Public Participation</li> <li>• Tetra4 Powerline Basic Assessment – Public Participation</li> </ul>	



	<ul style="list-style-type: none"><li>• Thungela Lephalale CBM EIA – Public Participation and Water Use License</li></ul>
<b>Heritage Project/ Assignments</b>	<ul style="list-style-type: none"><li>• Motouane RBD12 Pre-drill Survey Heritage Reporting</li><li>• Glencore RCM Phase 1 HIA</li><li>• BMM Sandgat Prospecting Desktop HIA</li><li>• BMM Oubip Prospecting Desktop HIA</li><li>• Aqua Farming Droogfontein Pivot Agriculture Phase 1 HIA</li><li>• Genade Boerdery Pivot Agriculture Phase 1 HIA</li><li>• Motuoane Exploration Right 369 Desktop HIA</li><li>• NTCSA Pembroke-Poseidon 400kV Powerline Heritage Walkdown</li></ul>

## LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Basic	Intermediate	Intermediate
French	Excellent	Excellent	Excellent
Spanish	Basic	Intermediate	Intermediate
Latin	N/A	Basic	Basic

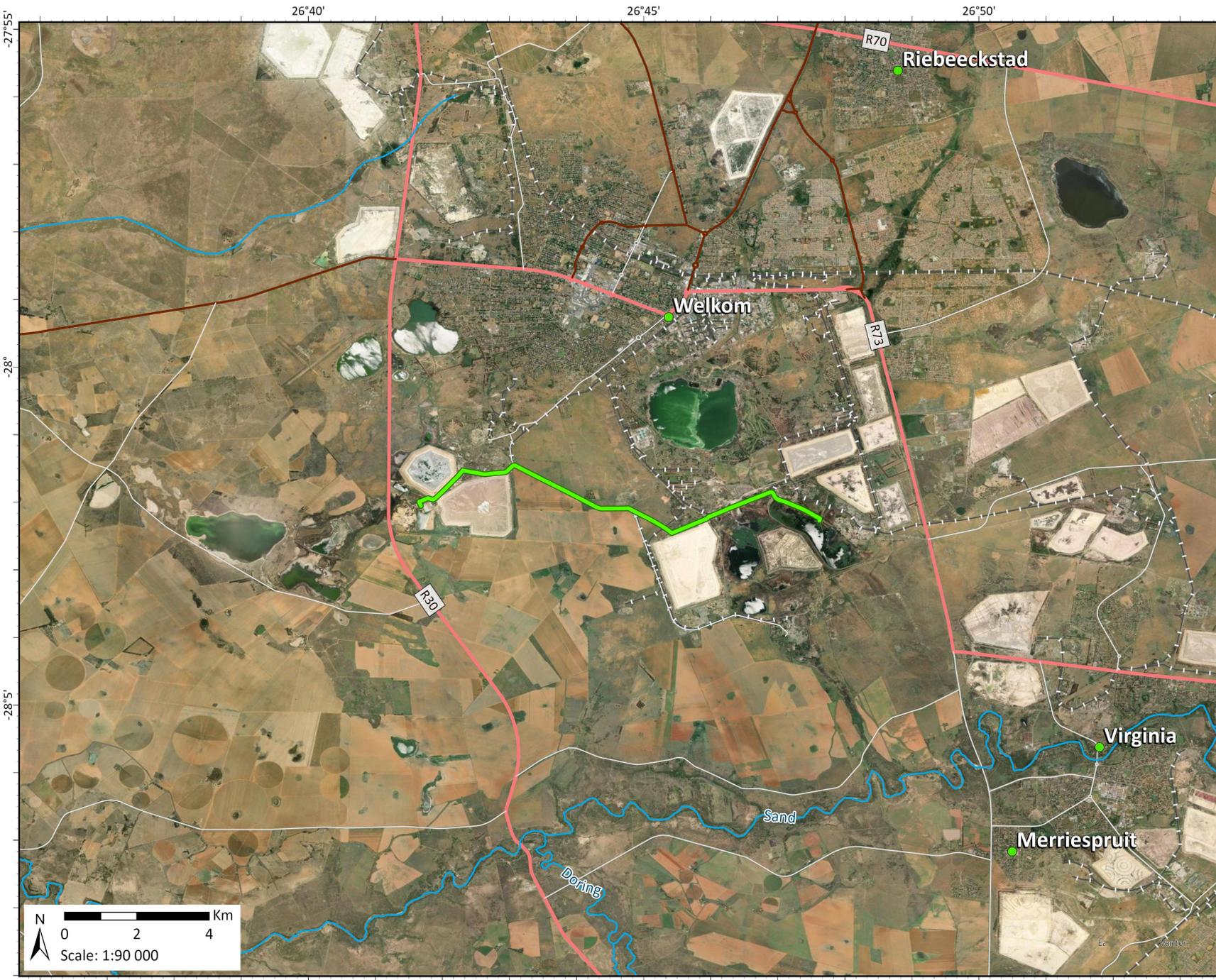
## DECLARATION

I confirm that the above information contained in the CV is an accurate description of my experience and qualifications at the time of signature.

\_\_\_\_\_  
Signature of Staff Member

\_\_\_\_\_  
Date

## APPENDIX 2: LOCALITY MAP



## Locality Map

1735 Harmony St Helena 123 Pipelines BA and WUL

- Legend**
- St Helena 123 RWD to 13 Dam
  - Towns
  - NFEPA Rivers
  - Railway Line
- Roads**
- Arterial Road
  - Main Road
  - Secondary Road



Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: 1735\_Locality  
 Data Sources:  
 CSG; ESRI; MDB; SANBI; CD:NGI

Date: 2026/01/05  
 EIMS Ref: 1735  
 Compiled: JW  
 Reviewed: LJ  
 Approved: LW



## APPENDIX 3: EXISTING EAS



# mineral & petroleum resources

Department:  
Mineral and Petroleum Resources  
REPUBLIC OF SOUTH AFRICA

REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION

04 AUG 2025

DEP. OF MINERAL RESOURCE AND ENERGY  
PRIVATE BAG X33, WELKOM, 9460.

Private Bag X33, Welkom, 9460, Tel: 057 391 1323, Fax: 057 357 6003  
The Strip Building, 314 Stateway Street, Welkom, 9459

## Amendment of an Environmental Authorisation in terms of

The National Environmental Management Act, 1998 (Act 107 of 1998) as amended ("NEMA") and the 2014 EIA  
Regulations as amended,

Various Minerals  
Magisterial District of Lejweleputswa  
Free State Region

Reference number:	(FS) 30/5/1/2/3/2/1(85) EM
Last amended:	First amendment
Holder of authorisation:	Harmony Gold Mining Company (Pty) Ltd
Location of activities:	Various properties

### DECISION

#### ACRONYMS

EIA	: Environmental Impact Assessment
DEPARTMENT	: Department of Mineral and Petroleum Resources
EA	: Environmental Authorisation
EMPr	: Environmental Management Programme
I&AP	: Interested and Affected Parties
ECO	: Environmental Control Officer
EIA REGULATIONS	: EIA Regulations, 2014
MPRDA	: Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), as amended
NEMA	: National Environmental Management Act, 1998 (Act 107 of 1998), as amended
SAHRA	: South African Heritage Resources Agency
EIA REGULATIONS	: EIA Regulations, 2014 as amended
NEM: WA	: National Environmental Management: Waste Act, 2008 (Act 59 of 2008), as amended
NWA	: National Water Act, 1998 (Act 36 of 1998) as amended
FINANCIAL PROVISIONING REGULATIONS, 2015:	The National Environmental Management Act, 1998 (Act 107 of 1998), Regulations Pertaining to the Financial Provision for prospecting, Exploration, mining, or Production operations.



The department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake the

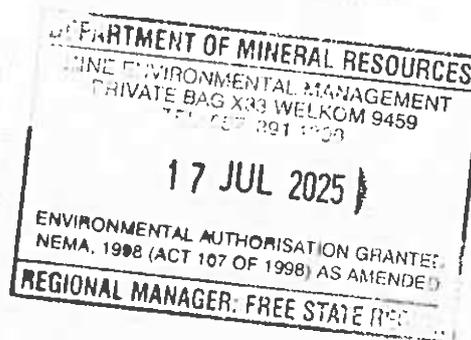
proposed amendment activities as specified below. Details regarding the basis on which the department reached this granting decision are set out in Annexure "1 and 2" of this environmental authorisation.

### ACTIVITY APPLIED FOR

By virtue of the powers conferred on it by NEMA, the department hereby grants an Amended Environmental Authorization to **Harmony Gold Mining Company (Pty) Ltd** with the following contact details –

The Directors  
**Harmony Gold Mining Company (Pty) Ltd**  
 P.O. Box 02  
 Randfontein  
 1759

Attention : Mr. John Van Wyk  
 Tel : 018 478 6519  
 Cell : 083 682 4089  
 Email : [JVWYK@harmony.co.za](mailto:JVWYK@harmony.co.za)



to undertake the following activities.

### DETAILS FOR AMENDMENT

Listed activities was triggered by this application	
<p><b>Regulation 31</b> - <i>relates to amendment where a change of scope of a valid environmental authorisation occur, where such change will result in an increased level or nature of impact where such level or nature of impact was not-</i></p> <p>(a) <i>assessed and included in the initial application for environmental authorisation; or</i></p> <p>(b) <i>taken into consideration in the initial environmental authorisation; and the change does not, on its own, constitute a listed or specified activity.</i></p>	<p><b>Regulation 31</b> - (a) and (b) is applicable in this application due to the change of scope as they are planning to develop pipelines and it will trigger listed activities.</p>

Detailed description of the activity are as follows:

- This is an application for amendment of an Environmental Authorisation and Environmental Management Programme in terms of Chapter 5 of the 2014 EIA Regulations as amended by (GN 326). It is lodged in terms of Regulation 31 (a) and (b) of 2014 EIA Regulations as amended.
- Harmony one plant is currently depositing half of its residue onto Free State South (FSS) 2 Tailings Storage Facility (TSF) and the other half onto the recommissioned St Helena 4 TSF. The two facilities have deposition

capacity until the end of June 2024. Harmony is proposing to use the existing Free State North (FSN) 1 TSF as the next deposition site to undertake the following activity listed in the EIA Regulations 2014 as amended.

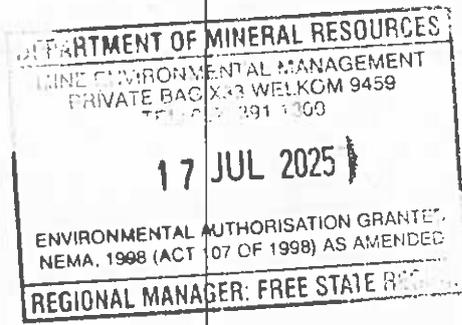
**NEMA: LISTED ACTIVITIES:**

Activity No	Activity in writing as per Listing Notices 1 & 3 (GN No 983, 984 and 985 as amended)	Applicability
-------------	--	---------------

**GN No 983 Listing Notice 1**

<p><b>Activity 10</b></p>	<p>The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes –</p> <p>(i) With an internal diameter of 36 metres or more; or</p> <p>With a peak throughput of 120 litres per second or more</p>	<p>The return water pipeline is approximately 23500 metres in length with a diameter of 0.6 metres and a flow rate of 500 litres per second.</p> <p>The slurry pipelines originally are approximately 13500 metres in length with a diameter of 0.45 metres and flow rate of 250 litres per second. The other set of slurry pipelines in approximately 13500 metres with 0.55 metres diameter and a flow rate of 390 litres per second.</p>
<p><b>Activity 12</b></p>	<p>The development of:</p> <p>(i) Dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or</p> <p>(ii) infrastructure or structures with a physical footprint of 100 square metres or more where such development occurs if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.</p>	<p>Installation of the proposed pipelines will be undertaken within watercourses as the proposed pipelines pass through a number of watercourses. It should be noted that the physical footprint to the watercourse is only limited to the concrete plinths and the pipelines will not result in a physical disturbance within the watercourse as these will be placed on top of the plinths.</p>

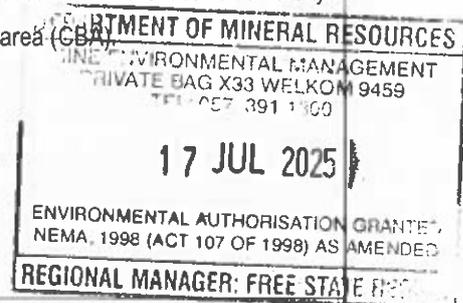
<p><b>Activity 19</b></p>	<p><i>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.</i></p>	<p>Installation of the pipelines will be undertaken within a watercourse leading to possible moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse. It should be noted that the physical footprint to the watercourse is only limited to the concrete plinths and the pipelines will not result in a physical disturbance within the watercourse as these will be placed on top of the plinths.</p>
<p><b>Activity 21D</b></p>	<p><i>Any activity including the operation of that activity which requires an amendment or variation to a right or permit as contemplated in section 102 of the Mineral and Petroleum Resource Development Act, as well as any other applicable activity contained in this Listing Notice 3 of 2014, required for such amendment.</i></p>	<p>The proposed activity requires applying for Amendment of the existing approved Environmental management Programme in accordance with Section 102 of the Mineral and Petroleum Resources Development Act – MPRDA (Act 28 of 2002) for Mining Right MR 85</p>
<p><b>Activity 46</b></p>	<p><i>The expansion and related operation of infrastructure for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes where the existing infrastructure -</i></p> <ul style="list-style-type: none"> <li><i>i) has an internal diameter of 0,36 metres or more;</i></li> <li><i>or</i></li> <li><i>ii) has a peak throughput of 120 litres per second or more; and</i></li> </ul>	<p>The tailings pipelines infrastructure from st Helena to FSN1 TSF is considered an expansion of existing infrastructure from Harmony One Plant and Saaiplaas plant. The new slurry pipelines originally are approximately 13500 metres in length with a diameter of 0.45 metres and a flow rate of 250 litres per second. The other set of slurry pipelines is approximately</p>



	a) where the facility or infrastructure is expanded by more than 1000 metres in length.	13500 metres with 0.55 metres diameter and a flow rate of 390 litres per second.
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**GN NO 985 LISTING NOTICE 3**

<b>Activity 12</b>	The clearance of an area of 300 square metres or more of indigenous vegetation  (iii) Free state (ii) within critical biodiversity areas identified in bioregional plans;  (iv) Areas within a watercourse or wetland; or within 100 metres from the edge of a watercourse or wetland	Clearance of vegetation for the pipelines installation, access road and booster pump station will occur within a critical biodiversity area (CBA/ESA)
<b>Activity 14</b>	<i>The development of infrastructure or structures within a physical footprint of 10 square meters or more where the development occurs if no development setback has been adopted, within 32 meters of a watercourse measured from the edge of a watercourse</i>  (b) Free State  (i) (ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional	The proposed development will occur within a watercourse which is located in a CBA/ESA.



**Background**

1.1 **Harmony Gold Mining Company (Pty) Ltd** (hereinafter referred to as “the holder of the mining right attached as **Annexure “B”**) lodged an application for EA amendment for a **mining right** and associated activities in terms of regulation 31 of the EIA Regulations, 2014 (as amended) on the **20<sup>th</sup> of June 2023** to construct the following:

**The actual proposed activities will include the following:**

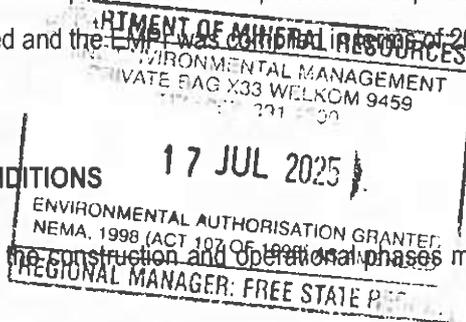
- Two new return water pipelines from FSN1 TSF Return Water Dam to D-Dam complex and two new return water pipelines from D-Dam complex to Dam 13. The estimated length of the proposed return water pipelines is approximately 23.5 km.
- Three new tailings pipelines from Harmony One Plant to FSN 1 TSF. The estimated length of each of the proposed slurry pipelines is approximately 23km and running along the same route/servitude.
- One tailings pipeline from Saaiplaas plant, currently depositing onto St. Helena TSF will be extended in future to the FSN1 TSF complex.
- The pipelines will be flanges steel pipeline and installed above-ground on pre-cast concrete plinths and a 3.5m wide access road, adjacent to the pipelines, will be cleared/graded to provide access for construction, maintenance and inspections.
- A booster pump station will be constructed at St. Helena TSF Complex. The booster pump station will consist of pumps and electrical infrastructure to supply the pumps with power.

Granting of this EA is subject to the conditions set out below (site specific) and in **Annexure 2** (Departmental Standard Conditions). The Basic Assessment Report and EMPr submitted as part of the application for an EA is hereby approved and must be adhered to throughout the life cycle of the operation.

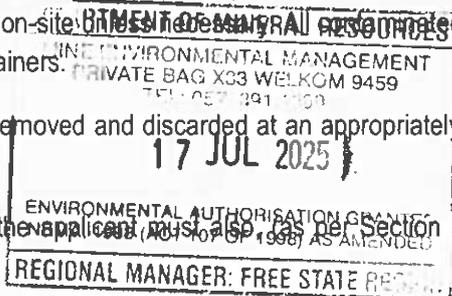
Harmony Gold Mining Company Limited appointed Mr. Liam Whitlow of **Environmental Impact Management Services (Pty) Ltd** to undertake the Environmental Impact Assessment process as required by 2014 EIA Regulations as amended. Regulation 31 was followed and the EA was granted in terms of 2014 EIA Regulations as amended.

**ENVIRONMENTAL AUTHORISATION SITE SPECIFIC CONDITIONS**

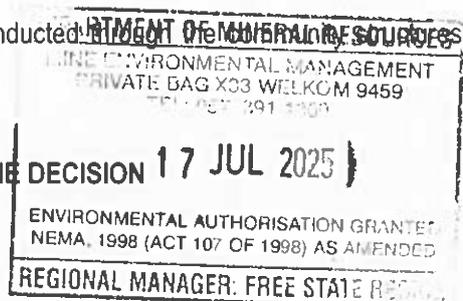
1. The Environmental Management Programme (EMPr) for the construction and operational phases must be implemented for the duration of the proposed project.
2. Implementation of the EMPr for the entire life cycle (i.e construction, operational, rehabilitation and closure) of the project is considered to be vital in achieving the appropriate environmental management standards as detailed for this project.
3. All conditions made on the comments from the Matjhabeng Local Municipality must be considered and adhered to.
4. All necessary permits, licences and approvals must be obtained prior to the commencement of construction.



5. Temporary construction warning signs should be put in place to make other users aware of the construction activities onsite.
6. The construction and final development footprints should be demarcated, and all proposed activities should be restricted to the proposed developments area.
7. A hydrocarbon/ chemical spill management plan must be put in place to ensure that should there be any chemical spill out it does not run into the surrounding areas.
8. The contractor shall be in possession of an emergency spill kit that must always be complete and available on site.
9. Drip trays or any form of oil absorbent material must be placed underneath vehicles equipment when not in use. No servicing of equipment on-site. ~~Oil and grease contaminated soil shall be treated in situ or removed and be placed in containers.~~
10. Any contaminated soils must be removed and discarded at an appropriately licenced hazardous waste facility.
11. In cases of large spill incidents, the applicant must also, as per Section 30 of the NEMA) notify the relevant authorities.
12. Any incident that causes or may cause pollution of water resources originating from this project should be reported to The Department of Water and Sanitation: Free State within 24 hours.
13. During operational phase, the booster pump station equipment must be serviced regularly to ensure that it does not produce any abnormal noise.
14. The contractor must ensure effective management of contaminated surface water run-off from
15. Bunding and concrete flooring where required should be maintained, and adequate capacity ensured at all hazardous storage facilities.
16. The proponent must appoint a suitable experienced Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/ rehabilitation measures and recommendations are implemented and to ensure compliance with the provision of the EMPr.
17. Should the presence of any floral or faunal SCC not recorded during the current study be confirmed within the project area, rescue and relocation of these species must take place under the supervision of a suitable qualified botanist or faunal specialist and with the required permits in place if necessary, and the existing management strategy must be adapted to protect such species.
18. Construction phase monitoring should include monthly alien and invasive species assessments, including assessment of eradication and control measures implemented, within the area surrounding the development footprint.
19. All development activities must be monitored to ensure that the footprint areas do not exceed approved areas.



20. Should archaeologically sites or graves be exposed during construction work, it must immediately be reported to a heritage practitioner and the Provincial Heritage Resource Authority so that an investigation and evaluation of the finds can be made.
21. A public complaints register must be available on site to record any issues of concern from the public regarding the project during construction period.
22. Implementation of the environmental awareness education to the contractor's during and prior to construction.
23. Contractor must ensure that the recruitment process is conducted in accordance with the recruitment process established for the contract.



**ANNEXURE 1: REASONS FOR THE DECISION 17 JUL 2025**

**1. Key factors considered in making the decision.**

All the information presented to the department was taken into account upon the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) The information contained in BAR and EMPr received by the Department on 11 August 2023.
- b) The objectives and requirements of the applicable and relevant legislation, frameworks and development plans, policies and guidelines, and the EIA Regulations of 2014 as amended by (GN 326).
- c) The environmental impacts associated with the proposed activity as outlined in the EMPr will be addressed through the implementation of the proposed mitigation measures outlined in the EMPr compiled by **Mr. Liam Whitlow of Environmental Impact Management Services**.
- d) All the specialists' recommendation stipulated on BAR and EMPr submitted must be adhered to for the duration of mining.
- e) Public Participation Process conducted for the application as attached to BAR and EMPr. The Public Participation Process (PPP) that was undertaken by the Applicant has satisfied the minimum requirements prescribed in the EIA Regulations R982 of 2014 as amended by (GN 326) for public involvement and the PPP results shows that the concerns raised by the I&APs and the Authorities were addressed by the Applicant in the EMPr.
- f) Comments from the principal inspector of mines which were in support of the proposed project.
- g) A consent letter from the Northern Light Trading 246 (Pty) Ltd, holder of granted mining right with reference number FS 30/5/1/2/2/10031 MR.
- h) Comments from the Matjhabeng Local Municipality which were in support of the proposed project with conditions.
- i) The Applicant has complied with Section 24P of the National Environmental Management Act, 1998 (Act 107 of 1998) and provided financial provision to the amount of **R 4 948 607.10** for the management of environmental impacts.

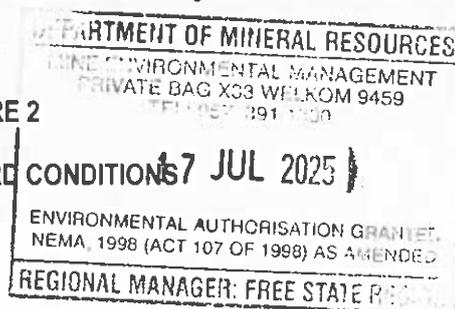
## 2. Findings

After consideration of the information and factors listed above, the department made the following findings –

- a) The potential impacts on the proposed site were clearly investigated and mitigation measures were outlined in BAR and EMPr.
- b) Harmony one plant is currently depositing half of its residue onto Free State South (FSS) 2 Tailings Storage Facility (TSF) and the other half onto the recommissioned St Helena 4 TSF. The two facilities have deposition capacity until the end of June 2024. Harmony is proposing to use the existing Free State North (FSN) 1 TSF as the next deposition site.
- c) The pipelines will be a flanged steel pipes installed above-ground on pre-cast concrete plinths.
- d) Public Participation Process complied with Chapter 6 of the 2014 EIA Regulations R982 as amended.

### ANNEXURE 2

### DEPARTMENTAL STANDARD CONDITIONS 7 JUL 2025



## 1. SCOPE OF AUTHORISATION

- 1.1. The holder of EA shall be responsible for ensuring compliance with the conditions contained in the EA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant, or any person rendering a service to the holder of EA.
- 1.2. Any changes to, or deviation from the project description set out in this EA must be approved in writing by this department before such changes or deviation may be affected. In assessing whether to grant such approval or not, the department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the EA to apply for further authorization in terms of the EIA Regulations.
- 1.3. The activities, which are authorized, may only be carried out at the property as indicated in the EA and or on the approved EMPr.
- 1.4. Where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/ or telephonic details, the holder of the EA must notify the department as soon as the new details become known to the holder of the EA.
- 1.5. The EA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies);
- 1.6. The holder of EA must ensure that all areas where the authorized activities occur have controlled access to ensure safety of people and animals.

## 2. APPEAL OF AUTHORISATION

- 2.1 The holder of EA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with EIA Regulation 4(2) do the following:
- 2.2 Notify all registered I&APs of –
  - 2.2.1 The outcome of the application.
  - 2.2.2 The date of the decision.
  - 2.2.3 The date of issue of the decision.
  - 2.2.4 The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.
- 2.3 Draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations.
- 2.4 Draw the attention of all registered I&APs to the manner in which they may access the decision.
- 2.5 Copy the Department in the above notification.
- 2.6 Provide the registered I&APs with:
  - 2.6.1 Name of the holder (entity) of this EA
  - 2.6.2 Name of the responsible person for this EA
  - 2.6.3 Postal address of the holder.
  - 2.6.4 Telephonic and fax details of the holder.
  - 2.6.5 E-mail address of the holder if any.

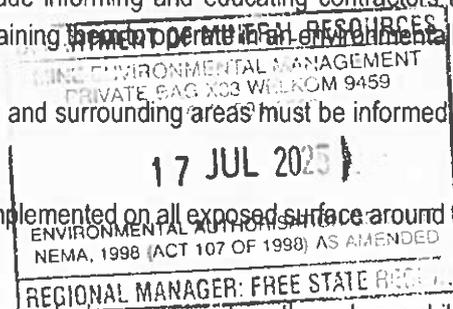


## 3 COMMENCEMENT OF THE ACTIVITY (IES)

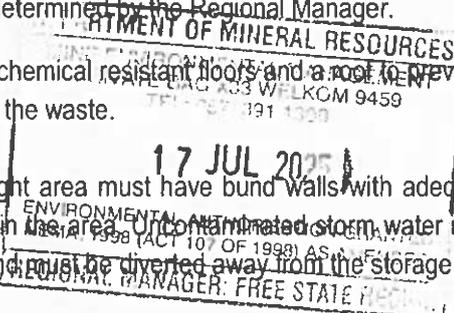
- 3.1 To ensure safety, all employees must be given the necessary personnel protective equipment (PPE).
- 3.2 This EA must be provided to the site operator and the requirements thereof must be made fully known to him or her.
- 3.3 The proposed pipes must have a clear path of travel in order to operate the most efficiently and uninhabited.
- 3.4 During right of way clearing, trees and roots are removed so that the land near pipes is free of the threats of these conditions.
- 3.5 It is also important that the right of way remains clear so that in the event of an emergency the pipeline is easily accessible for repair.
- 3.6 Regular inspection of the pipeline to address maintenance issues that may arise, it, just be proactive inspections and using an experienced crew who knows what to look for and what to do based on their observations.
- 3.7 If any soil contamination is noted at any phase of the proposed activity (ies), the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of

the department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this department must be informed in this regard.

- 3.8 An integrated waste management approach that is based on waste minimization (waste management hierarchy) must be implemented and must incorporate avoidance, reduction, recycling, treat, reuse, and disposal where appropriate. Ensure that no refuse generated in the mining area is placed, buried, dumped, or deposited on the adjacent properties or public places and open space.
- 3.9 In terms of sections 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the holder of EA responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.
- 3.10 Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned.
- 3.11 Dust suppression measures must be implemented on all exposed surface around the construction areas to minimize and control airborne dust.
- 3.12 Refueling of machinery and construction vehicles must be done through a mobile bowser. Should any spills occur, it must be cleaned immediately by removing spillage together with the polluted soil and dispose it at authorized disposal site permitted for the disposal of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and ground water resources.
- 3.13 Hydraulic fluid or chemicals required for the operation of the screening plant must be brought to site daily or stored in the mobile office within the mining area. Should any spills occur, it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorized disposal site permitted of such waste.
- 3.14 Spill kit must be available on each site where mining activities will be taking place.
- 3.15 Should any heritage remains be exposed during operation or any actions on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and/or the provincial heritage agency (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA) and or provincial heritage agency).
- 3.16 The holder of EA must ensure that any water uses listed in terms of Section 21 of National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activity (ies).
- 3.17 This EA does not purport to absolve the holder of EA from its common law obligations towards the owner of the surface of land affected.



- 3.18 The holder of EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMPr.
- 3.19 This EA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.
- 3.20 The holder of EA must note that in terms Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit and residue deposit must be deposited and managed in a prescribed manner on any site demarcated for that purpose in the Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Programme.
- 3.21 The holder of EA must note that in terms Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake, or conduct a waste management activity, except in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management license is issued in respect of that activity if license is required.
- 3.22 An appeal under Section 43(7) of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended) suspend an EA or exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.
- 3.23 Should you be notified by the Minister of a suspension of the authorization pending appeal procedure, you may not commence with the activity (ies) until such time that the Minister allows you to commence with such activity (ies) in writing.
- 3.24 The department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.
- 3.25 The waste storage site must have a firm, impermeable, chemical resistant floors and a roof to prevent direct sunlight and rainwater from getting in contact with the waste.
- 3.26 The storage of hydrocarbons area within the mining right area must have bund walls with adequate capacity to contain the maximum volume that is stored in the area. On contaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.
- 3.27 Subject to the commencement and duration requirements of the MPRDA and NEMA for the listed mining activity, the EA is valid for the period for which the aforesaid Mining Right is granted provided that this activity must commence within 10 years. If the commencement of the proposed activity does not occur within the specified period, the EA lapses, and a new application for EA in terms of the NEMA and the EIA Regulations should be made for the activity to be undertaken.
- 3.28 The activity (ies), including site preparation, must not commence within 20 (twenty) calendar days of the date of the notification of the decision being sent to the registered I&APs. In the event that an appeal is lodged with the appeal administrator, the effect of this environmental authorisation is suspended until such time as the appeal is decided.



3.29 Should there be any conflicting conditions between this EA and other approval granted by other authorities, it is upon the holder of EA to bring it to the attention of the department for resolution.

#### 4 MANAGEMENT OF ACTIVITY (IES)

4.1 A copy of the EA and EMPr must be kept at the property or on-site office where the activity (ies) will be undertaken. The EA and EMPr must be produced to any authorized officials of the department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the property (ies).

4.2 The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent, and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the department for approval.

4.3 The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.

4.4 The holder of the EA must ensure that all non-recyclable waste is disposed of at waste management facilities licensed to handle such wastes and all recyclable waste are collected by licensed waste management facilities for recycling, reuse, or treatment.

4.5 The holder of the EA must ensure that all liquid wastes, whose emissions or exposure to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant authority.

4.6 Non-compliance with any condition of this EA or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of section 31L of NEMA.

4.7 This EA only authorizes activities specified in the EMPr/closure plan (i.e. inclusion and operation of the screening plant) and a new authorization must be applied for in respect of any new activity not specified as part of the EMPr.

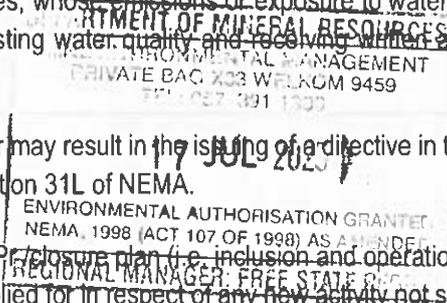
4.8 Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved EMPr.

4.9 The Holder of EA must ensure that the name and contact details of the ECO is made available to the Regional Manager of DMRE within 30 days of commencement. The holder of EA must also ensure that an ECO is always available on site to ensure that activity (ies) at all times comply with the issued EA and approved EMPr.

4.10 The ECO must:

4.10.1 Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals, or any other material).

4.10.2 Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complaints.

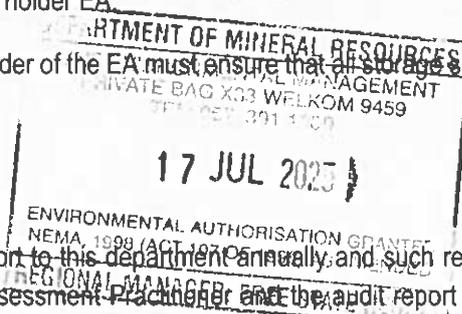


- 4.10.3 Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.
- 4.10.4 Keep copies of all environmental reports submitted to the department.
- 4.10.5 Keep the records of all permits, licences and authorisations required by the operation.
- 4.10.6 Compile a monthly monitoring report and make it available to the department if requested.
- 4.11 The duties and responsibility of the ECO should not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA.
- 4.12 The holder of the EA must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situations so as to minimize the risk involved. Records of training and verification of competence must be kept by the holder EA.
- 4.13 In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled.

## 5 REPORTING TO THE DEPARTMENT

### 5.1 The holder of EA must:

- 5.1.1 submit an Environmental Audit Report to this department annually and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this environmental authorisation and EMP/closure plan are adhered to.
- 5.1.2 the audit report must be in accordance with appendix 7 of the 2014 EIA regulations.
- 5.1.3 identify and assess any new impacts and risks as a result of undertaking the activities, if applicable.
- 5.1.4 identify shortcomings in the EMP/closure plan, if applicable.
- 5.1.5 identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMP.
- 5.1.6 if applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate; and,
- 5.1.7 be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.
- 5.2 Should any shortcomings in terms of Regulation 34(4) be identified, the holder must submit recommendation to amend the EMP/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.
- 5.3 Any complaint received from the I&AP during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.
- 5.4 The holder of the EA must annually assess the environmental liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.



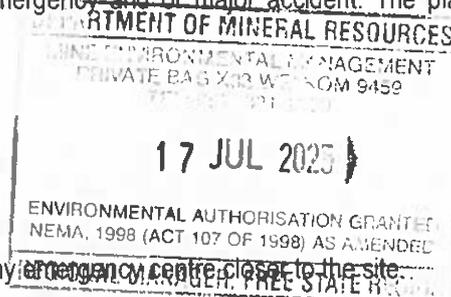
- 5.5 The holder of the EA must, within 24 hours of incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.
- 5.6 The holder of the EA must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident referred to in condition 5.5, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Competent Authority of measures taken to –
- 5.6.1 Correct the impact resulting from the incident.
  - 5.6.2 Prevent the incident from causing any further impact.
  - 5.6.3 Prevent a recurrence of a similar incident.
- 5.7 In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.5, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the EA.

## 6 SITE SECURITY AND ACCESS CONTROL

- 6.1 The holder of the EA must ensure effective access control on the site to reasonably prevent unauthorized entry. Signs indicating the risks involved in unauthorized entry must be displayed at each entrance.
- 6.2 Weatherproof, durable and legible notices in at least three official languages applicable in the area must be displayed at each entrance to the site. These notices must prohibit unauthorized entry and state the hours of operation, the name, address, and telephone number of the holder of the EA and the person responsible for the operation of the site.

## 7 EMERGENCY PREPAREDNESS PLAN

- 7.1 The holder of the EA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after each emergency and or major accident. The plan must, amongst others, include:
- 7.1.1 Site Fire.
  - 7.1.2 Spillage.
  - 7.1.3 Natural disasters such as floods.
  - 7.1.4 Industrial action.
  - 7.1.5 Contact details of police, ambulances, and any emergency centre closer to the site.
- 7.2 The holder of EA must ensure that an up-to-date emergency register is kept during all phases of the operation. This register must be made available upon request by the department.



## 8 INVESTIGATIONS

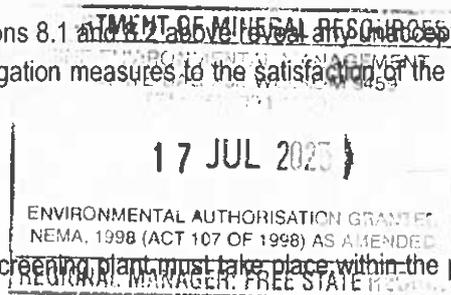
- 8.1 If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem.
- 8.2 If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem. Such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.
- 8.3 Investigations carried out in terms of conditions 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance, and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.
- 8.4 Should the investigation carried out as per conditions 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of the EA must submit mitigation measures to the satisfaction of the Competent Authority.

## 9 COMMISSIONING AND DECOMMISSIONING

- 9.1 The commissioning and decommissioning of the screening plant must take place within the phases and timeframes as set out in EA or EMPr.

## 10 SITE CLOSURE

- 10.1 The holder of EA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment, and completion of development.
- 10.2 The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.
- 10.3 No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purposes.
- 10.4 The holder of EA, every holder, holder of an old order right and owner of works remain responsible for any environmental liability, pollution or ecological degradation, the pumping and treatment of extraneous water, the management and sustainable closure thereof notwithstanding the issuing of a closure certificate by the Minister responsible for mineral resources in terms of the Mineral and Petroleum Resources Development Act, 2002, to the holder or owner concerned. Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.



## 11 NEMA PRINCIPLES

The NEMA Principles (set out in Section 2 of NEMA, which apply to the actions of all Organs of State, serve as guidelines by reference to which any Organ of State must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), *inter alia*, provides for:

- the effects of decisions on all aspects of the environment to be taken into account.
- the consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment.
- the co-ordination and harmonisation of policies, legislation and actions relating to the environment.
- the resolving of actual or potential conflicts of interest between Organs of State through conflict resolution procedures.
- the selection of the best practicable environmental option.

## 12. DISCLAIMER

The Department of Mineral and Petroleum Resources in terms of the conditions of this environmental authorisation shall not be responsible for any damages or losses suffered by the holder, developer, or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document or legal action emanating from this decision.

## 13. RECOMMENDATIONS

In view of the above, the NEMA principles, compliance with the conditions stipulated in this EA, and compliance with the EMP/closure plan, the competent authority is satisfied that the proposed activity/ies will not conflict with the general objectives of Integrated Environmental Management stipulated in Chapter 5 of NEMA, and that any potentially detrimental environmental impacts resulting from the activity/ies can be mitigated to acceptable levels. The NEMA Amendment Authorisation is accordingly granted.

Your interest in the future of our environment is appreciated.

Kind Regards,



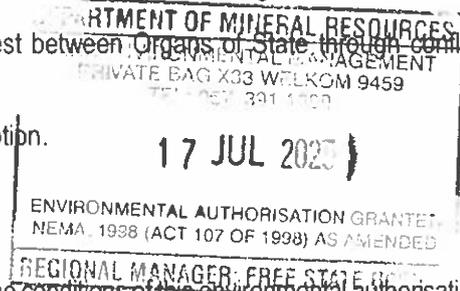
R. NKAMBULE

CHIEF DIRECTOR: MINERAL REGULATION AND ADMINISTRATION

CENTRAL REGIONS

DEPARTMENT OF MINERAL AND PETROLEUM RESOURCES

DATE: 17 JUL 2025



## APPENDIX 4: PUBLIC PARTICIPATION REPORT

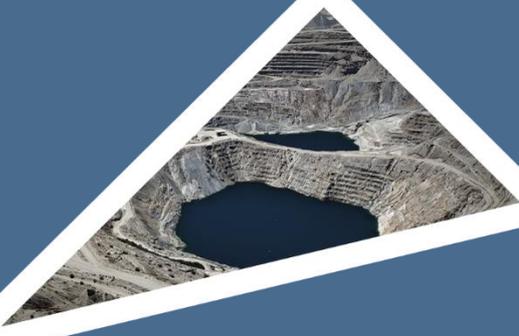


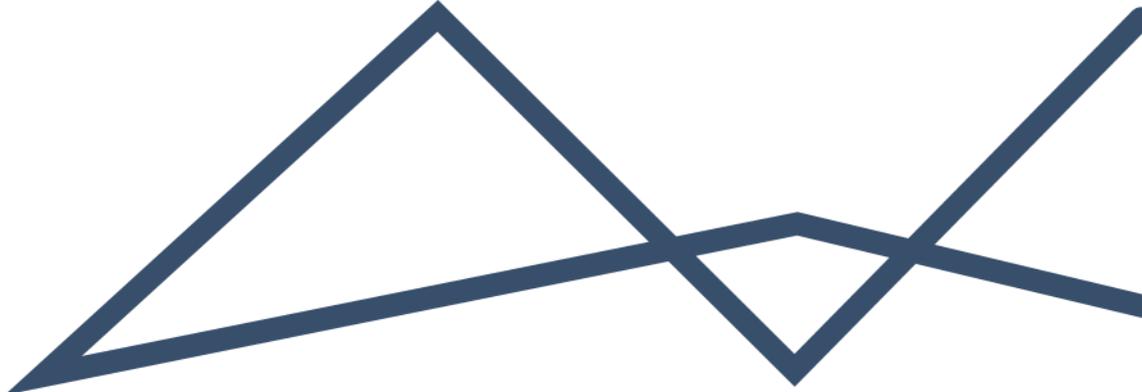
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## PUBLIC PARTICIPATION REPORT

HARMONY ST HELENA 123 PIPELINE PROJECT  
MAIN ASSOCIATED MINING RIGHT: ST HELENA (FS  
30/5/1/2/2/85MR)





**DOCUMENT DETAILS**

**EIMS REFERENCE:** 1735

**DOCUMENT TITLE:** Public Participation Report: Harmony St Helena 123 Pipeline Project  
Main Associated Mining Right: St Helena (FS 30/5/1/2/2/85MR)

**DOCUMENT CONTROL**

	NAME	SIGNATURE	DATE
<b>COMPILED:</b>	Dr Lucien James and Mbali Tshabalala		2026/03/16
<b>CHECKED:</b>	John von Mayer		2026/03/16
<b>AUTHORIZED:</b>	Liam Whitlow		2026/03/16

**REVISION AND AMENDMENTS**

REVISION DATE:	REV #	DESCRIPTION
2026/03/16	ORIGINAL DOCUMENT	PPR For Public Review

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# 1 INTRODUCTION

Harmony Mining Company Ltd, hereafter referred to as the Applicant, has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required environmental authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of an application for:

- Environmental Authorisation (EA) in accordance with the National Environmental Management Act (NEMA- Act 107 of 1998)- Listed activities:
  - Listing Notice 1: Activities 10, 19 and 21D.
  - Listing Notice 3: Activity 14.
- Water Use Licence (WUL) in accordance with the National Water Act (NWA- Act 36 of 1998) - Listed Water Uses:
  - Section 21(c) (impeding or diverting the flow of water in a watercourse) and
  - Section 21(i) (altering the bed, banks, course or characteristics of a watercourse)

Additional listed activities and/or water uses may be identified during the process.

The Applicant is planning to construct a new return water pipeline between the St Helena 123 Tailings Storage Facility (TSF) Return Water Dam (RWD) and Dam 13, and in future will integrate with the low-pressure water system forming part of the Free State Reclamation Programme (specifically the proposed Nooitgedacht TSF project). The pipeline will have the following specifications:

- Length: approximately 11.4 km
- Diameter: 650 NB with 4.5 mm wall thickness
- Flanged steel pipe manufactured to SANS 719 standards
- Installed above-ground on prefabricated concrete plinths
- Design flow rate: 1,583 m<sup>3</sup>/hr (439 l/s)

The pipeline will follow a similar corridor proposed for the approved FSN1 Pipeline Project, thereby minimising additional environmental disturbance. The pipelines will be installed above-ground on pre-cast concrete plinths. The project area is located on Farm portions, Klippan 14 (Portion 2), Stuirmanspan 92 (Remaining Extent and Portion 1), Marmegeli 20 (Remaining Extent), and St Helena 42 (Portions 1, 2, 3, 4, 5, and 6) within the Matjhabeng Local Municipality, in the Lejweleputswa District Municipality, in the Free State Province.

## 2 OBJECTIVES OF THE PUBLIC PARTICIPATION

South Africa, being one of the countries with the most progressive constitutions, enshrined the public's right to be involved in decisions that may affect them in its Constitution. Section 57(1) of the new Constitution that provides: "*The National Assembly may (b) make rules and orders concerning its business, with due regard to representative and participatory democracy, accountability, transparency and public involvement*". This provision, along with several others gave rise to many new trends in South African legislation. In environmental legislation, the idea of public participation (or stakeholder engagement) features strongly and especially the National Environmental Management Act (Act 107 of 1998, NEMA) and the recent regulations passed under the auspices of this Act makes very strict provisions for public participation in environmental decision-making.

Public participation can be defined as..."*a process leading to a joint effort by stakeholders, technical specialists, the authorities and the proponent who work together to produce better decisions than if they had acted independently*"<sup>1</sup>. From this definition, it can be seen that the input of the public is regarded as very important indeed.



The Public Participation Process (PPP) is designed to provide sufficient and accessible information to Interested and Affected Parties (I&APs) in an objective manner to assist them to:

During the Environmental Authorisation:

- Verify that their issues have been recorded;
- Comment on the findings of the environmental assessments; and
- Provide relevant local information and knowledge to the environmental assessment.

The PPP is a requirement of several pieces of South African Legislation and aims to ensure that all relevant I&APs are consulted, involved and their opinions are taken into account and a record included in the reports submitted to Authorities. The process ensures that all stakeholders are provided this opportunity as part of a transparent process which allows for a robust and comprehensive environmental study. The PPP for the necessary authorisation required for the project needs to be managed sensitively and according to best practises in order to ensure and promote:

- Compliance with international best practice options;
- Compliance with national legislation;
- Establishment and management of relationships with key stakeholder groups; and
- Encouragement of involvement and participation in the environmental study and authorisation/approval process.

As such, the purpose of the PPP and stakeholder engagement process is to:

- Introduce the proposed project and process for the authorisation project;
- Explain the environmental authorisation;
- Determine and record issues, concerns, suggestions, and objections to the project;
- Provide opportunity for input and gathering of local knowledge;
- Establish and formalise lines of communication between the I&APs and the project team;
- Identify all significant issues for the project; and
- Identify possible mitigation measures or environmental management plans to minimise and/or prevent negative environmental impacts and maximise and/or promote positive environmental impacts associated with the project.

This Public Participation Report (PPR) lists all verbal and written issues raised by I&APs during the call to register period from the 15<sup>th</sup> of January 2026 to date. A breakdown of the PPP is given within the remaining sections of this PPR.

### 3 LEGAL COMPLIANCE

The PPP must comply with all environmental legislation that requires public participation as part of an application for authorisation or approval; namely, the National Environmental Management Act (NEMA, Act No. 107 of 1998).

Adherence to the requirements of the above-mentioned Act will allow for an Integrated PPP to be conducted, and in so doing, satisfy the requirements for public participation referenced in the Act. The details of the Integrated PPP are provided below.



## 4 IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES (I&APS)

An initial I&AP database has been compiled from historic projects in the area, and Windeed searches were conducted to obtain the contact details of the surrounding landowners. The I&APs referred to in the PPR include:

- Pre-identified and registered landowners and surrounding landowners;
- Pre-identified and registered key stakeholders;
- Regulatory authorities;
- Specialist interest groups; and
- All I&APs who responded to the initial notifications and requested to be registered.

Efforts to pre-identify key I&APs involved various avenues such as consultation with the proponent and known landowners within the study area, review of related previously conducted studies, and identification of key interest groups and authorities within the vicinity of the study area and municipality. Refer to Appendix D1 for the Key Stakeholder/I&AP Database.

### 4.1 LIST OF ORGANS OF STATE IDENTIFIED AND NOTIFIED

The following key I&APs, but not limited to, were notified of the proposed project and invited to participate in the public participation process:

- Matjhabeng Local Municipality
- Eskom Soc Ltd
- Free State Department of Agriculture and Rural Development
- Free State Department of Community Safety, Roads and Transport
- Free State Department of Cooperative Governance and Traditional Affairs
- Free State Department of Economic, Small Business Development, Tourism and Environmental Affairs
- Free State Department of Mineral Resources and Energy
- Free State Department of Public Works and Infrastructure
- Free State Department of Water and Sanitation
- Free State Development Corporation
- Free State Heritage Resources Authority
- Lejweleputswa Development Agency
- Lejweleputswa District Municipality
- National Department of Agriculture Land Reform and Rural Development
- National Department of Cooperative Governance and Traditional Affairs
- National Department Of Forestry, Fisheries and Environment
- National Department Of Land Reform And Rural Development
- National Department of Transport
- National Department of Water and Sanitation
- National Energy Regulator of South Africa (NERSA)
- National House of Traditional Leaders
- South African Civil Aviation Authority
- South African Heritage Resources Agency
- South African National Biodiversity Institute
- South African National Roads Agency (SANRAL)
- Transnet Freight Rail



- Transnet Properties
- Vaal Central Water

## 4.2 LIST OF OTHER KEY I&APS IDENTIFIED AND NOTIFIED

- Pre-identified and registered landowners and surrounding landowners.
- Marli Self Catering Guest house (Flamingo Pan Welkom)
- BirdLife South Africa
- Centre for Environmental Rights
- Conservation South Africa
- Council for Geoscience
- EarthLife Africa
- Endangered Wildlife Trust
- Federation for a Sustainable Environment
- Free State Agriculture
- GroundWork South Africa
- Mining Affected Communities United in Action (MACUA)
- National Botanical Society
- Natural Justice
- South Durban Community Environmental Alliance
- The Green Connection
- Wetlands and Environmental Society South Africa

## 5 NOTIFICATION OF INTERESTED AND AFFECTED PARTIES

This section provides details on the notifications that were distributed as part of the consultation process to date.

### 5.1 INITIAL NOTIFICATION OF KEY I&APS

An initial call to register notification was sent out 5<sup>th</sup> of February 2026. Notification during this initial consultation was given in the manner described below.

#### 5.1.1 FAXES, REGISTERED MAIL AND EMAILS

Notification letters (in English, Afrikaans, and Sesotho) were distributed to pre-identified I&APS through either faxes, SMSs, registered mail, and/or emails on the 5<sup>th</sup> of February.

The notification documents included the following information:

- Authorisations required;
- Sufficient detail of the proposed development to enable I&APs to assess/surmise what impact the development will have on them or the use of their land;
- The purpose of the proposed project;
- Details of the application processes associated with proposed activities;
- Details of the affected properties;
- Details of the South African environmental legislation that must be adhered to;
- Contact details of the EAP.

Please refer to Appendix D2 for initial notification and proofs.



### 5.1.2 NEWSPAPER AND GAZETTE ADVERTISEMENTS

Advertisements (in English and Afrikaans) describing the proposed project and Environmental Impact Assessment (EIA) process were placed in the Welkom Vista with circulation in the vicinity of the study area on the 15<sup>th</sup> of January 2026. The newspaper adverts included the following information:

- Project name;
- Applicant name;
- Project location;
- Nature of the activity;
- Legislative requirements; and
- Relevant EIMS contact person for the project.

Please refer to Appendix D3 for proof of the advert and gazette notice placed.

### 5.1.3 SITE NOTICE PLACEMENT

Ten (10) A1 Correx site notices (in English, Afrikaans, and Sesotho) were placed at 10 locations around the proposed project study area on the 5<sup>th</sup> of February 2026. The on-site notices included the following information:

- Project name;
- Applicant name;
- Project location;
- Map of proposed project area;
- Project description;
- Legislative requirements; and
- Relevant EIMS contact person for the project.

Please refer to Appendix D4 for proof of site notice and site notice distribution.

## 5.2 NOTIFICATION OF INTERESTED AND AFFECTED PARTIES OF BASIC ASSESSMENT REPORT AVAILABILITY

Notification (in English, Afrikaans, and Sesotho) regarding the availability of the Basic Assessment Report for public review and comment was provided to pre-identified and registered I&APs. The notifications were distributed through either email, registered mail, fax, and/or SMS, where contact details are available.

Contact details were provided to I&APs should they require assistance accessing the information or require copies of the reports.

A hard copy of the Scoping Report was placed at the Welkom Public Library on 20<sup>th</sup> of March 2026 for a period of 30 days. An electronic copy of the Scoping Report was made available on the EIMS Public Participation Website.

Please refer to Appendix D5 for proof of Scoping Report Availability notification.

## 6 SUMMARY OF PUBLIC PARTICIPATION OPPORTUNITIES

The table below provides a summary of the opportunities provided to I&APs for participation in the public participation process to date.



Table 1: Summary of Public Participation Opportunities

Action	Description	Publication/Place	Date
<b>Initial Call to Register</b>	Notification of landowners, occupiers, and other key I&APs.	Affected landowners and key I&APs were notified via email, fax, SMSs and/or post.	5 February 2026
	Placement of site notices.	Ten (10) A1 Correx site notices (in English, Afrikaans, and Sesotho) were placed at 10 locations along the proposed project study area.	5 February 2026
	Newspaper advertisement and Gazette Notice.	Advertisements (in English, Afrikaans, and Sesotho) describing the proposed project and EIA process were placed in the Welkom Vista Newspaper.	15 January 2026
<b>Availability of Basic Assessment Report for public review</b>	Placement of hard copy of Basic Assessment Report.	One (1) hard copy of the report was placed at Welkom Public Library where members of the public could access the report.	20 March 2026



Action	Description	Publication/Place	Date
	Placement of Basic Assessment Report electronic copy.	An electronic copy of the report will be placed on the EIMS website. A data free service will be made available to anyone who has limitations with respect to data downloads.	20 March 2026

## 7 RECORD OF ISSUES RAISED

Comments on the proposed project were solicited from pre-identified and registered I&APs and key stakeholders. To date, the following comments have been received:

- I&AP registration.
- South African Civil Aviation Authority: Expressed that they had no further comment on the project.
- South African Heritage Resources Agency: Request for submission of SAHRIS Application
- Transnet: Request for locality information

All comments and/or queries received to date are included in this report and presented in Appendix D6. Please refer to Appendix D7 for proof of correspondence.

## 8 CONCLUSION AND RECOMMENDATIONS

All comments and/or queries received to date are included in this report. This section will be updated for submission to the competent authority, the Department of Mineral and Petroleum Resources (DMPR), following the 30-day public review period of the BA Report.



## 9 APPENDICES

### Appendix D1: IAP Database

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or [popia@eims.co.za](mailto:popia@eims.co.za)

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Title	Name	Surname	Company
<b>Adjacent Landowner</b>			
Mr	Pieter Fredrich Gerhardus	Bezuidenhout	
Mr	Sefako Johannes	Mazibuko	
Mrs	Elizabeth	Van Jaarsveld	
	Stefanus Van Rooyen	Van Huyssteen	Andre Bez Trust
	Jan Andries Jacobus	Bezuidenhout	Andre Familie Trust
Mr	Brian	Whitfield	Freegold Harmony Pty Ltd Harmony Gold Mining Limited
	Lourens Erasmus	Bezuidenhout	Louis Bezuidenhout Trust Matjhabeng Local Municipality
Mr	Mongezi Alfred	Khumla	Poloko Trading 634
Mr	Marthinus prinsloo Leonard	Van Der Walt	Sibanye Gold Stille Trust
Ms	Boitumelo Rebecca	Ramabulana	Tirisan Tech Solutions (Pty) Ltd
<b>Landowner</b>			
Mr	John	Van Wyk	Freegold Harmony Pty Ltd
Mr	Johan Diederich	De Klerk	St Lena Boerdery (Pty) Ltd
<b>Pre-identified</b>			
			Marli Self Catering Guest house (Flamingo Pan Welkom)
<b>Pre-identified: Local Municipality</b>			
Mr	Thanduxolo David	Khalipha	Matjhabeng Local Municipality
Dr	Sefako	Ramphoma	Matjhabeng Local Municipality
Ms	Michelle	Sello	Matjhabeng Local Municipality
Mr	Bhekumuzi Charles	Stofile	Matjhabeng Local Municipality
Adv.	Lauretta	Williams	Matjhabeng Local Municipality
<b>Pre-identified: NGO</b>			
Ms	Mpho	Magidi	BirdLife South Africa
Mr	Keenan	Meissenheimer	BirdLife South Africa
Dr	Hanneline	Smit-Robinson	BirdLife South Africa
	Alexandra	Kayle	Centre for Environmental Rights
Ms	Amanda	Bourne	Conservation South Africa
Ms	Thato	Kgari	Council for Geoscience
	Sibahle	Mbatha	Council for Geoscience

Title	Name	Surname	Company
	Makoma	Lekalakala	EarthLife Africa
	Kish	Chetty	Endangered Wildlife Trust
Dr	Ian	Little	Endangered Wildlife Trust
Ms	Mariette	Liefferink	Federation for a Sustainable Environment
Mr	Stefan	Hanekom	Free State Agriculture
	Tsepang	Molefe	GroundWork South Africa
Mr	Siphesihle	Mvundla	GroundWork South Africa
	Tsholofelo	Sepotokele	GroundWork South Africa
Mr	Astone	Chaole	Mining Affected Communities United in Action (MACUA)
Mr	Lebohang	Lesenyeho	Mining Affected Communities United in Action (MACUA)
Ms	Nthabiseng	Mahlumba	Mining Affected Communities United in Action (MACUA)
Mr	Parker	Makhosi	Mining Affected Communities United in Action (MACUA)
Mr		Mbangula	Mining Affected Communities United in Action (MACUA)
Mr	Makwa	Mephi	Mining Affected Communities United in Action (MACUA)
	Fusi	Mulausi	Mining Affected Communities United in Action (MACUA)
	Christopher	Rutledge	Mining Affected Communities United in Action (MACUA)
Mr	Makhotla	Sefuli	Mining Affected Communities United in Action (MACUA)
	Fatima	Valley	Mining Affected Communities United in Action (MACUA)
	Deon	Potgieter	National Botanical Society
	Martina	Treurnicht	National Botanical Society
	Katherine. V	Robinson	Natural Justice
	Bongani		South Durban Community Environmental Alliance
	Nokwazi		South Durban Community Environmental Alliance
	Zothile		South Durban Community Environmental Alliance
			the Green Connection
Mr	Paul	Bartels	Wetlands and Environmental Society South Africa
	Morgan	Griffiths	Wetlands and Environmental Society South Africa
<b>Pre-identified: Organ of State</b>			
Mr	Johannes	Mafereka	Department of Cooperative Governance and Traditional Affairs
Mr	John	Geeringh	Eskom Soc Ltd
Mr	Lungile	Motsitsi	Eskom Soc Ltd
Mr		Nkhohise	Free State Department of Agriculture & Rural Development
Ms	Christa	Klink	Free State Department of Agriculture & Rural Development
Dr	Shirley. N	Hugo	Free State Department of Community Safety, Roads and Transport
Mr	Walter	Macala	Free State Department of Community Safety, Roads and Transport

Title	Name	Surname	Company
	Annah	Buthelezi	Free State Department of Cooperative Governance and Traditional Affairs
Ms	S.S	Dlamini	Free State Department of Cooperative Governance and Traditional Affairs
Mr	M.V.	Duma	Free State Department of Cooperative Governance and Traditional Affairs
Mr	Motsamai	Mokoena	Free State Department of Cooperative Governance and Traditional Affairs
	Winnie	Thulo	Free State Department of Cooperative Governance and Traditional Affairs
Dr	S.	Faku	Free State Department of Economic, Small Business Development, Tourism and Environmental Affairs
Mr	T.	Makhele	Free State Department of Economic, Small Business Development, Tourism and Environmental Affairs
Ms	Kalipa	Kewuti	Free State Department of Mineral Resources and Energy
Ms	Mamokete	Mpatane	Free State Department of Mineral Resources and Energy
Ms	Mlungisi	Maqubela	Free State Department of Public Works and Infrastructure
			Free State Department of Water and Sanitation
Mr	Fikile	Mnisi	Free State Department of Water and Sanitation
			Free State Development Corporation
Ms	Ntando	Mbatha	Free State Heritage Resources Authority
Ms	Malintja	Molahloa	Free State Provincial Heritage Resources Authority
			Lejweleputswa Development Agency
Ms	Palesa	Kaota	Lejweleputswa District Municipality
Mr	Khaya	Mqeke	Lejweleputswa District Municipality
Mr	Moses	Rannditsheni	National Department Of Agriculture
Mr	Moses	Rannditsheni	National Department of Agriculture
	David	Mngcolwane	National Department of Agriculture Land Reform and Rural Development
Ms	Nomfundo	Ntloko-Gobodo	National Department of Agriculture Land Reform and Rural Development
Ms	Doreen	Sithole	National Department Of Agriculture, Land Reform And Rural Development
Ms	Charlotte	More	National Department of cooperative Governance and traditional Affairs
Mr	Seoka	Lekota	National Department Of Forestry, Fisheries and Environment
Ms	Millicent	Solomons	National Department Of Forestry, Fisheries and Environment
Ms	Nwabisa	Kale	National Department Of Land Reform And Rural Development
Mr	Phawen	Maluleke	National Department Of Land Reform And Rural Development

Title	Name	Surname	Company
Ms	Linda	Page	National Department Of Land Reform And Rural Development
Ms	Ivy	Masale	National Department of Transport
Ms	Wisane	Mavasa	National Department of Water and Sanitation
Mr	Vusimuzi	Sekgobela	National Department of Water and Sanitation
Mr	Charles	Hlebela	National Energy Regulator of South Africa (NERSA)
Kgosi	Phopolo	Maubane	National House of Traditional Leaders
Mr	Abram	Sithole	National House of Traditional Leaders
			South African Civil Aviation Authority
	Vhukhudo	Chaka	South African Civil Aviation Authority
Mr	Khanyisile	Bonile	South African Heritage Resources Agency
Ms	Natasha	Higgitt	South African Heritage Resources Agency
Mr	Thato	Maila	South African National Biodiversity Institute
Ms	Thandeka	Mdlalose	South African National Biodiversity Institute
	Ria	Barkhuizen	South African National Roads Agency (SANRAL)
			South African National Roads Agency Ltd
Mr	Thobile	Duma	South African National Roads Agency Ltd
Ms	Takalani	Radzilani	Transnet Freight Rail
Ms	Zanele	Manyathi	Transnet Properties
			Vaal Central Water
			Vaal Central Water
<b>Pre-identified: Ward Councillor</b>			
Mr	Mphikeleli Alfred	Manene	Matjhabeng Local Municipality
<b>Registered: Organ of State</b>			
	Wentzel	Radcliffe	Transnet Properties



## Appendix D2: INITIAL NOTIFICATION PROOF

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or [popia@eims.co.za](mailto:popia@eims.co.za)

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05 February 2026

Our ref: 1735/LJ/mts

To whom it may concern

Dear Sir or Madam:

**NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED HARMONY ST HELENA 123 PIPELINE PROJECT, IN THE MATJHABENG LOCAL MUNICIPALITY, FREE STATE PROVINCE, SOUTH AFRICA.**

Harmony Mining Company Ltd, hereafter referred to as the Applicant, has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required environmental authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of an application for:

- Environmental Authorisation (EA) in accordance with the National Environmental Management Act (NEMA- Act 107 of 1998)- Listed activities:
  - Listing Notice 1: Activities 10 and 19.
  - Listing Notice 3: Activity 14.
- Water Use Licence (WUL) in accordance with the National Water Act (NWA- Act 36 of 1998) - Listed Water Uses:
  - Section 21(c) (impeding or diverting the flow of water in a watercourse) and
  - Section 21(i) (altering the bed, banks, course or characteristics of a watercourse)

Additional listed activities and/or water uses may be identified during the process.

The Applicant is planning to construct a new return water pipeline between the St Helena 123 Tailings Storage Facility (TSF) Return Water Dam (RWD) and Dam 13, and in future will integrate with the low-pressure water system forming part of the Free State Reclamation Programme (specifically the proposed Nooitgedacht TSF project). The pipeline will have the following specifications:

- Length: approximately 11.4 km
- Diameter: 650 NB with 4.5 mm wall thickness
- Flanged steel pipe manufactured to SANS 719 standards
- Installed above-ground on prefabricated concrete plinths
- Design flow rate: 1,583 m<sup>3</sup>/hr (439 l/s)

The pipeline will follow a similar corridor proposed for the approved FSN1 Pipeline Project, thereby minimising additional environmental disturbance. The pipelines will be installed above-ground on pre-cast concrete plinths. The project area is located on Farm portions, Klippan 14 (Portion 2), Stuurmanspan 92 (Remaining Extent and Portion 1), Marmegeli 20 (Remaining Extent), and St Helena 42 (Portions 1, 2, 3, 4, 5, and 6) within the Matjhabeng Local Municipality, in the Lejweleputswa District Municipality, in the Free State Province. Please refer to attached project locality map.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and application. In order to ensure that you are identified and registered as an Interested and Affected Party (I&AP) and that your comments are captured, please submit your name, contact details, the reason for your interest or any comments, in writing or telephonically, to EIMS. Please note that only registered I&AP's will be informed of future project information and opportunities for participation.

By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). In order to avoid missing out on opportunities for public participation please submit I&AP registrations as soon as possible to EIMS at:

Contact Person: Mbali Tshabalala

EIMS Reference Number: 1735

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)

Please include the project reference number **1735** in all correspondence.

Further information will be available at [www.eims.co.za/public-participation/](http://www.eims.co.za/public-participation/). Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.

Please feel free to contact the undersigned if you have any queries or concerns.

Kind Regards,

**EIMS Public Participation Team**

05 Februarie 2026

Ons verwysing: 1735/LJ/mts

Aan wie dit mag aangaan

Geagte Meneer of Mevrouw:

**KENNISGEWING OOR GELEENTHEID OM DEEL TE NEEM AAN DIE OMGEWINGSMAGTIGINGSAAANSOEKPROSES VIR DIE VOORGESTELDE HARMONIE ST HELENA 123 PYPLYNPROJEK, IN DIE MATJHABENG PLAASLIKE MUNISIPALITEIT, VRYSTAATPROVINSIE, SUID-AFRIKA.**

Harmony Mining Company Ltd, hierna verwys as die Applikant, het Environmental Impact Management Services (Pty) Ltd (EIMS) as die Omgewingsassesseringspraktisyn (EAP) aangestel om te help met die uitvoering van die vereiste omgewingsmagtigingsprosesse (insluitend die statutêre openbare deelname), en om die vereiste dokumentasie saam te stel en in te dien ter ondersteuning van 'n aansoek vir:

- Omgewingsmagtiging (EA) in ooreenstemming met die Nasionale Omgewingsbestuurswet (NEMA- Wet 107 van 1998) - Gelysde aktiwiteite:
  - Lyskennisgewing 1: Aktiwiteite 10 en 19.
  - Lyskennisgewing 3: Aktiwiteit 14.
- Watergebruiklisensie (WUL) in ooreenstemming met die Nasionale Waterwet (NWA- Wet 36 van 1998) - Gelysde Watergebruike:
  - Artikel 21(c) (belemmering of afleiding van die vloeï van water in 'n waterloop) en
  - Artikel 21(i) (verandering van die bedding, oewers, koers of kenmerke van 'n waterloop)

Addisionele gelysde aktiwiteite en/of watergebruike kan tydens die proses geïdentifiseer word.

Die aansoeker beplan om 'n nuwe terugvoerwaterpylyn te bou tussen die St Helena 123 uitskotopbergingsfasiliteit (TSF) Terugvoerwaterdam (RWD) en Dam 13, en sal in die toekoms integreer met die laedrukwaterstelsel wat deel is van die Free State Reclamation Programme (spesifiek die voorgestelde Nooitgedacht TSF-projek). Die pylyn sal die volgende spesifikasies hê:

- Lengte: ongeveer 11,4 km
- Deursnee: 650 NB met 4,5 mm wanddikte
- Flensstaalpylp vervaardig volgens SANS 719-standaarde
- Bo-gronds op voorafvervaardigde betonsokkels geïnstalleer
- Ontwerpvloeiempo: 1 583 m<sup>3</sup>/uur (439 l/s)

Die pylyn sal 'n soortgelyke korridor volg wat voorgestel is vir die goedgekeurde FSN1-pylynprojek, en sodoende bykomende omgewingsversteuring tot die minimum beperk. Die pylyne sal bogronds op voorgemaakte betonsokkels geïnstalleer word. Die projekgebied is geleë op plaasgedeeltes Klippan 14 (Gedeelte 2), Stuurmanspan 92 (Oorblywende omvang en Gedeelte 1), Marmegeli 20 (Oorblywende omvang), en St Helena 42 (Gedeeltes 1, 2, 3, 4, 5, en 6) binne die Matjhabeng Plaaslike Munisipaliteit, in die Lejweleputswa Distriksmunisipaliteit, in die Vrystaatprovinsie. Verwys asseblief na die aangehegte projek se lokaliteitskaart.

EIMS sal die prosedures volg wat in die Omgewingsimpakbepaling (EIA) Regulasies (GRN982 van 2014, soos gewysig) gedefinieer is om 'n Basiese Assesseringsproses uit te voer. In ooreenstemming met Hoofstuk 6 van die EIA-regulasies sal 'n openbare deelnameproses uitgevoer word. U word hiermee uitgenooi om te registreer en kommentaar te lewer op die voorgestelde projek en aansoek. Om te verseker dat u geïdentifiseer en geregistreer word as 'n Belangstellende en Geaffekteerde Party (B&GP), en dat u kommentaar vasgelê word, dien asseblief u naam, kontakbesonderhede, die rede vir u belangstelling of enige kommentaar, skriftelik of per telefoon by EIMS in. Neem asseblief kennis dat slegs geregistreerde B&GP's ingelig sal word oor toekomstige projekinligting en geleentheid vir deelname.

Deur as 'n belanghebbende en geraakte party te registreer, stem u in tot die insameling en verwerking van u persoonlike inligting soos per die EIMS Privaatheidskennisgewing beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). Om te voorkom dat u geleentheid vir openbare deelname misloop, dien asseblief B&GP-registrasies so gou moontlik by EIMS in by:

Kontakpersoon: Mbali Tshabalala

EIMS Verwysingsnommer: 1735

Posadres: Posbus 2083; Pinegowrie; 2123

Telefoon: (011) 789 7170/ Faks: (086) 571 9047

E-pos: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)

Sluit asseblief die projekverwysingsnommer **1735** in alle korrespondensie in.

Meer inligting sal by [www.eims.co.za/public-participation/](http://www.eims.co.za/public-participation/) beskikbaar wees. Neem asseblief kennis dat, indien u nie toegang tot die webwerf kan kry nie weens databeperkings, asseblief EIMS kontak vir alternatiewe reëlings.

Kontak asseblief gerus die ondergetekende as u enige navrae of bekommernisse het.

Vriendelike groete,

**EIMS Publieke Deelname-span**

05 Hlakola 2026

Ref ea rona: 1735/LJ/mts

Ho mang kapa mang ea ka amehang

Mohlomphehi kapa Mofumahali ea ratehang:

**TSEBISO MABAPI LE MONYETLA OA HO NKA KAROLO TS'EBETSONG EA KOPO EA TUMELLO EA TIKOLOHO BAKENG SA MORERO O SISINTSWENG OA PHAEPHE 123 EA HARMONY ST HELENA, MASEPALENG OA SELEHAE OA MATJHABENG, PROFINSENG EA FREE STATE, AFRIKA BORO.**

Harmony Mining Company Ltd, eo hamorao ho thoeng ke Mokopi, e khethile Environmental Impact Management Services (Pty) Ltd (EIMS) joalo ka Setsebi sa Tlhahlobo ea Tikoloho (EAP) ho thusa ho etsa lits'ebetso tse hlokalalang tsa tumello ea tikoloho (ho kenyeletsoa le ho nka karolo ha sechaba), le ho bokella le ho fana ka litokomane tse hlokalalang ho ts'ehetsa kopo ea:

- Tumello ea Tikoloho (EA) ho latela Molao oa Naha oa Tsamaiso ea Tikoloho (NEMA- Molao oa 107 oa 1998) - Mesebetsi e thathamisitsoeng:
  - Tsebiso ea 1: Mesebetsi ea 10 le 19.
  - Tsebiso ea 3: Mesebetsi oa 14.
- Laesense ea Ts'ebeliso ea Metsi (WUL) ho latela Molao oa Naha oa Metsi (NWA- Molao oa 36 oa 1998) - Ts'ebeliso ea Metsi e thathamisitsoeng:
  - Karolo ea 21 (c) (ho thibela kapa ho khelosa phallo ea metsi molapong oa metsi) le
  - Karolo ea 21 (i) (ho fetola bethe, mabanka, tsela kapa litšobotsi tsa molapo oa metsi)

Mesebetsi e meng e thathamisitsoeng le/kapa ts'ebeliso ea metsi e ka khetholloa nakong ea ts'ebetso.

Mokopi o rera ho aha phaephe e ncha ea metsi a khutlang lipakeng tsa St Helena 123 Tailings Storage Facility (TSF) Letamo la Metsi ea Khutlang (RWD) le Dam 13, 'me nakong e tlang e tla kopanngoa le sistimi ea metsi e nang le khatello e tlase e etsang karolo ea Free State Reclamation Programme (haholo-holo projeke e reriloeng ea Nooitgedacht TSF). Phaephe e tla ba le litlhaloso tse latelang:

- Bolelele: hoo e ka bang 11.4 km
- Bophara: 650 NB le botenya ba lebota la 4.5 mm
- Phala ea tšepe e entsoeng ka tšepe e entsoeng ho latela litekanyetso tsa SANS 719
- E kentsoe ka holimo ho li-plinths tsa konkreite tse entsoeng pele
- Sekhahla sa phallo ea moralo: 1,583 m<sup>3</sup> / hr (439 l / s)

Phala e tla latela phasejeng e ts'oanang e hlahisitsoeng bakeng sa Projeke ea Phaephe ea FSN1 e amohelang, ka hona e fokotsa pherekano e eketsehileng ea tikoloho. Liphaephe li tla kenngoa ka holim'a lefatše ka li-plinths tsa konkreite tse entsoeng pele. Sebaka sa projeke se karolong ea Farm, Klippan 14 (Karolo ea 2), Stuirmanspan 92 (Karolo e Setseng le Karolo ea 1), Marmegeli 20 (Karolo e Setseng), le St Helena 42 (Likarolo tsa 1, 2, 3, 4, 5 le 6) kahare ho Masepala oa Sebaka sa Matjhabeng, Masepaleng oa Setereke sa Lejweleputswa, Profinseng ea Free State. Ka kopo sheba 'mapa oa sebaka sa projeke.

EIMS e tla latela lits'ebetso tse hlahositsoeng ho Melao ea Tlhahlobo ea Tšusumetso ea Tikoloho (EIA) (GRN982 ea 2014, joalo ka ha e fetotsoe) bakeng sa ho etsa ts'ebetso ea Tlhahlobo ea Motheo. Ho latela Khaolo ea 6 ea Melaoana ea EIA, ts'ebetso ea ho nka karolo ha sechaba e tla etsoa. Ka hona, re u mema ho ingolisa le ho fana ka maikutlo mabapi le projeke le kopo e reriloeng. Bakeng sa ho etsa bonnete ba hore o khetholloa le ho ngodisiwa jwalo ka Mokha o nang le thahasello le o amehang (I&AP) le hore ditshwatshwao tsa hao di hapilwe, ka kopo romela lebitso la hao, dintlha tsa ho ikopanya, lebaka la thahasello ya hao kapa maikutlo afe kapa afe, ka ho ngola kapa ka mohala, ho EIMS. Ka kopo eelloa hore ke li-I&AP feela tse ngolisitsoeng tse tla tsebisoa ka tlhaiso-leseling ea projeke ea nako e tlang le menyetla ea ho nka karolo.

Ka ho ingolisa joalo ka motho ea nang le thahasello le ea amehang, o lumela ho bokelloa le ho sebetsana le tlhaiso-leseling ea hau ho latela Tsebiso ea Lekunutu ea EIMS e fumanehang ho [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). Ho qoba ho lahlehela ke menyetla ea ho nka karolo ha sechaba, ka kopo romella ngoliso ea I&AP kapele kamoo ho ka khonehang ho EIMS ho:

Contact Person: Mbali Tshabalala

Nomoro ea Reference ea EIMS: 1735

Aterese ea poso: PO Box 2083; Pinegowrie; 2123

Mohala: (011) 789 7170

Fekse: (086) 571 9047

Imeili: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)

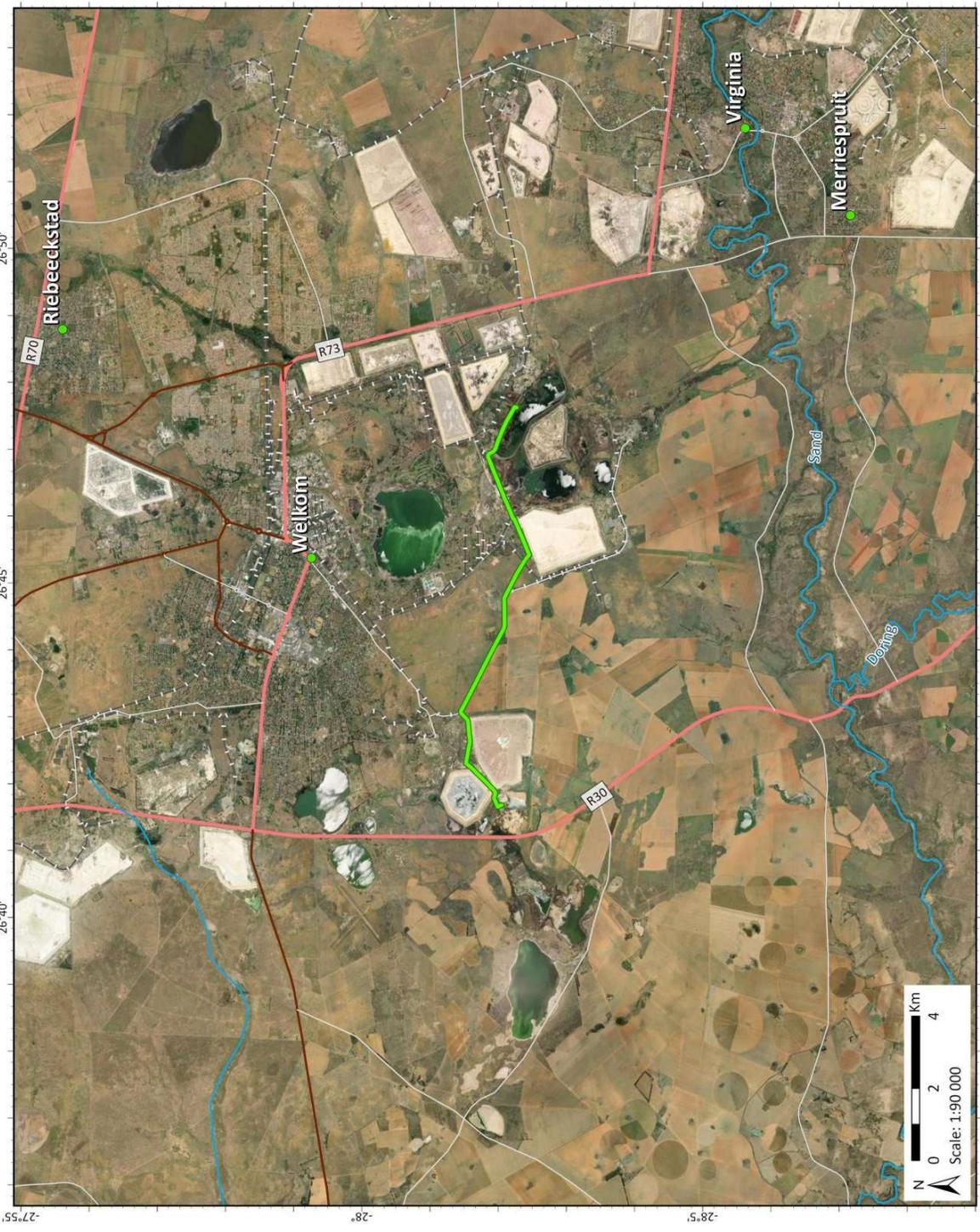
Ka kopo kenyelletsa nomoro ea referense ea projeke **1735** mangolo ohle.

Lintlha tse ling li tla fumaneha ho [www.eims.co.za/public-participation/](http://www.eims.co.za/public-participation/). Ka kopo eelloa hore haeba u sa khone ho fihlella sebaka sa marang-rang ka lebaka la lithibelo tsa data, ka kopo ikopanye le EIMS bakeng sa litokisetso tse ling.

Ka kopo ikutloe u lokolohile ho ikopanya le rona haeba u na le lipotso kapa matšoenyeho.

Ka boikokobetso

**Sehlopha sa ho nka karolo ha sechaba sa EIMS**



**Locality Map**

1735 Harmony St Helena 123 Pipelines BA and WUL

- Legend**
- St Helena 123 RWD to 13 Dam
  - Towns
  - NFEPA Rivers
  - Railway Line
  - Roads**
  - Arterial Road
  - Main Road
  - Secondary Road



Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: 1735\_Locality  
 Data Sources:  
 CS; ESRI; MDB; SANBI; CD:NGI

Date: 2026/01/05  
 EIMS Ref: 1735  
 Compiled: JW  
 Reviewed: LJ  
 Approved: LW



26°50'

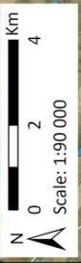
26°45'

26°40'

-27°55'

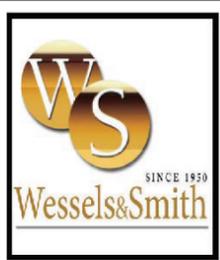
-28°

-28°55'





## Appendix D3: NEWSPAPER AND GAZETTE NOTICE PROOF



E.A. FRANCIS

IN DIE BOEDEL VAN WYLE EUGENE AMBROSE FRANCIS, IDENTITEITSNOMMER 620929 5042 08 0, MET LAASBEKENDE ADRES TE VILLA LOUISE NR.1, LONG EN CRESSIDAWEG, BEDELIA, WELKOM, VRYSTAAT PROVINSIE, 'N MEERDERJARIGE MANLIKE PERSOON WIE GETROUD WAS BINNE GEMEENSAP VAN GOEDERE MET MARIA CATHARINA FRANCIS, IDENTITEITSNOMMER 630426 0096 08 6 EN WIE OORLEDE IS OP 24 OKTOBER 2025 MET BOEDELNOMMER 8673 /2025. KREDITEURE EN DEBITEURE WORD HIERMEE VERSOEK OM HULLE EISE IN TE DIEN EN SKULDE TE BETAAL BINNE 'N TYDPERK VAN DERTIG (30) DAE GEREKEN VANAF DATUM VAN VERSKYNING VAN HIERDIE ADVERTENSIE. JPD BOTHA WESSELS & SMITH INGELYF EERSTE VLOER WESSELS & SMITH GEBOU 26-28 HEERENSTRAAT POSBUS 721 WELKOM 9460 TEL: 057 391 9800 VERWYSING: JPD BOTHA /HV/TH0832 www.wesselsmith.co.za

**PIET HAASBROEK PROKUREURS**



H.A. VAN TONDER

IN DIE BOEDEL VAN WYLE HESTER ALIDA VAN TONDER (GEBORE VAN DER WALT) (ID: 501229 0065 08 5) IN LEWE VAN VENTERSBURG EN NAGELATE EGGENOOT JAMES JOHN VAN TONDER (ID: 500205 5026 08 3) GEDTROUD BINNE GEMEENSAP VAN GOEDERE. STERFDATUM: 20 September 2025 BOEDELNOMMER: 9079/2025 KENNIS GESKIED HIERMEE aan Debiteure en Krediteure om bedrae aan die boedel verskuldig te betaal en eise teen die boedel in te stel binne 30 dae vanaf datum van hierdie skrywe by onderstaande adres.

PROKUREUR VIR EKSEKUTEUR PIET HAASBROEK PROKUREURS WRIGHT GUARDS GEBOU, HERDENKINGSTRAAT 21, VIRGINIA, 9430 POSBUS 876, VIRGINIA, 9430 DOCEX 25, WELKOM TEL: 057 212 9833 E-POS: virginia@piethaas.co.za

**PIET HAASBROEK PROKUREURS**



S. PRETORIUS (GEBORE PIETERSEN)

IN DIE BOEDEL VAN WYLE SYLVIA PRETORIUS (GEBORE PIETERSEN) (ID: 661114 0087 089) IN LEWE VAN ALLANRIDGE GETROUD BINNE GEMEENSAP VAN GOEDERE MET JACOBUS ERTZART PRETORIUS (ID: 651110 5045 08 2). STERFDATUM: 1 JULIE 2021 BOEDELNOMMER: 8036/2021, KENNIS GESKIED HIERMEE aan Debiteure en Krediteure om bedrae aan die boedel verskuldig te betaal en eise teen die boedel in te stel binne 30 dae vanaf datum van hierdie skrywe by onderstaande adres. PROKUREUR VIR EKSEKUTEUR PIET HAASBROEK PROKUREURS WRIGHT GUARDS GEBOU, HERDENKINGSTRAAT 21, VIRGINIA, 9430 POSBUS 876, VIRGINIA, 9430 DOCEX 25, WELKOM TEL: 057 212 9833 E-POS: virginia@piethaas.co.za

**AANDAG ALLE ADVERTEERDERS**  
Die gebruik van die letter "A", leestekens soos "!" of "®" of die gebruik van syfers met die doel om die advertensie na die bopunt van die klassifikasie-lys te skuif, is streng verbode.  
SMALLS NOTICE

**BOEDELS: LIKWIDASIE EN DISTRIBUSIE**

4205



M.D.C.P. Sardinha

Notice is given that in terms of Section 35(5) of Act 66 of 1965 the First and Final Liquidation and Distribution Account in the deceased estate of Maria Da Conceicao Pereira Sardinha (Identity number: 451127 0049 08 5) with Estate Number 1875/2025, a major unmarried woman in life, with last known address at 98 Romeo Street, Bedelia, Welkom, Free State Province, who passed away on 13 March 2024, will lie open for inspection of all persons interested therein at the offices of the Magistrate's Court in Welkom as well as the Master's Office in Bloemfontein for a period of 21 days from date of this notice. JPD BOTHA WESSELS & SMITH INCORPORATED FIRST FLOOR WESSELS & SMITH BUILDING 26 - 28 HEEREN STREET PO BOX 721 WELKOM 9460 Reference: JPD Botha/hv /TH0763

**PIET HAASBROEK PROKUREURS**



D.W. VAN WYK

IN DIE BOEDEL VAN WYLE DANIEL WILHELMUS VAN WYK (ID: 480114 5047 08 7) IN LEWE 'N WEWENAAR VAN VIRGINIA. STERFDATUM: 8 AUGUSTUS 2025 BOEDELNOMMER: 6250/2025 GELIEWE KENNIS TE NEEM dat die Eerste en Finale Likwidasië en Distribusie Rekening in bogemelde boedel ter insae sal lê vir 'n tydperk van 21 dae vanaf 16 JANUARIE 2026 te kantore van die Meester van die Hooggeregshof, BLOEMFONTEIN en die Landdros, VIRGINIA. GELIEWE KENNIS TE NEEM dat enige persoon wat beswaar wil in dien teen die rekening sodanige beswaar onderstaande moet bereik binne die genoemde tydperk.

PROKUREUR VIR EKSEKUTEUR PIET HAASBROEK PROKUREURS WRIGHT GUARDS GEBOU, HERDENKINGSTRAAT 21, VIRGINIA, 9430 POSBUS 876, VIRGINIA, 9430 DOCEX 25, WELKOM TEL: 057 212 9833 E-POS: virginia@piethaas.co.za

**F.B. COETZER PROKUREURS**

FRANCOIS BERTRAM COETZER FRANCOIS COETZER

G.H. MEYER

WORD HIERBY KENNIS gegee dat duplikate van die Eerste- en Finale Likwidasië en Distribusierekening in die ondervermelde boedel, in die kantore van die Meester te Bloemfontein Landdros te Theunissen ter insae sal lê vir 'n tydperk van 21 dae vanaf datum van hierdie kennisgewing, vir alle persone wat daarby belang het. Indien binne genoemde tydperk geen besware daarteen by die betrokke Meester ingedien word nie, sal die eksekuteur tot uitbetaling in gevolg die rekening voortgaan. Registrasiënommer van boedel 5197/2025 Van MEYER

Voorname GERRIT HENDRIK Identiteitsnommer 370826 5005 087 Laaste adres PLAAS AVONDSRUST THEUNISSEN Provinsie Vrystaat Landdroskantoor THEUNISSEN Meesterskantoor Bloemfontein, Provinsie Vrystaat Datum oorlede 4 JULIE 2025 Naam van eksekuteur /gemagtigde agent F B COETZER:PROKUREURS VAN HEERDENSTRAAT 45, THEUNISSEN PROVINSIE VRYSTAAT F B Coetzer Prokureur P/a F B Coetzer Van Heerdenstr 45 THEUNISSEN 9410

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**NOTIFICATION: ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS.**

In accordance with the requirements of Chapter 6 of the Environmental Impact Assessment (EIA) Regulations (Government Notice R982 as amended, promulgated under the National Environmental Management Act 107 of 1998-NEMA), notice is herewith given of these applications which will be subjected to a public participation process.

**Applicant: Harmony Mining Company Ltd**

**Applications:**

- Environmental Authorisation (EA) in accordance with the NEMA- Listed activities:
  - Listing Notice 1: Activities 10 and 19;
  - Listing Notice 3: Activity 14.
- Water Use Licence (WUL) in accordance with the National Water Act – NWA (Act 36 of 1998) - Listed activities:
  - Section 21(c);
  - Section 21(i).

**Additional listed activities and/or water uses may be identified during the process.**

**Location:**

The project area is located within the Matjhabeng Local Municipality, in the Lejweleputswa Municipality, in the Free State Province.

**Activity:**

The Applicant is planning to construct a new return water pipeline between the St Helena 123 Tailings Storage Facility (TSF) Return Water Dam (RWD) and Dam 13, and in future will integrate with the low-pressure water system forming part of the Free State Reclamation Programme (specifically the proposed Nootgedacht TSF project). The pipeline will have the following specifications: Length: approximately 11.4 km, Diameter: 650 NB with 4.5 mm wall thickness, Flanged steel pipe manufactured to SANS 719 standards, Installed above-ground on prefabricated concrete plinths, and Design flow rate: 1,583 m<sup>3</sup>/hr (439 l/s). The pipeline will follow a similar corridor proposed for the approved FSN1 Pipeline Project, thereby minimising additional environmental disturbance. The pipelines will be installed above-ground on pre-cast concrete plinths. EIMS will be following the procedures defined in the EIA Regulations for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and application/s. Please note that only registered I&AP's will be informed of future project information and opportunities for participation. By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regards to this application, as soon as possible to EIMS at:

Contact Person: Mbali Tshabalala  
EIMS Reference Number: 1735  
Postal Address: P.O. Box 2083; Pinegowrie; 2123  
Telephone: (011) 789 7170  
Fax: (086) 571 9047  
E-mail: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)



Please include the project reference number **1735** in all correspondence. Further information will be available at [www.eims.co.za/public-participation/](http://www.eims.co.za/public-participation/). Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.

NM10042384-V1150126

**KENNISGEWING: AANSOEKPROSES OM OMGEWINGSMAGTIGING.**

Ooreenkomstig die vereistes van hoofstuk 6 van die Omgewingsimpakbepalings (OIB)-regulasies (staatskennisgewing R982 soos gewysig, afgekondig kragtens die Wet op Nasionale Omgewingsbestuur – NEMA, Wet 107 van 1998), word hiermee kennis gegee van 'n aansoek wat aan 'n openbare deelnameproses onderwerp sal word.

**Aansoeker: Harmony Mining Company Ltd**

**Aansoek:**

- Omgewingsmagtiging (EA) in ooreenstemming met die Nasionale Omgewingsbestuurswet (NEMA- Wet 107 van 1998) - Gelysde aktiwiteite:
  - Lyskennisgewing 1: Aktiwiteit 10 en 19;
  - Lyskennisgewing 3: Aktiwiteit 14.
- Watergebruiklisensie (WUL) in ooreenstemming met die Nasionale Waterwet (NWA- Wet 36 van 1998) - Gelysde Watergebruike:
  - Artikel 21(c);
  - Artikel 21(i).

**Bykomende gelysde aktiwiteite kan tydens die proses geïdentifiseer word.**

**Ligging:**

Die projek gebied is geleë binne die Matjhabeng Plaaslike Munisipaliteit, in die Lejweleputswa Distriksmunisipaliteit, in die Vrystaat provinsie. Verwys asseblief na die aangehegte projek se liggingskaart.

**Aktiwiteit:**

Die aansoeker beplan om 'n nuwe terugvoer waterpylyn te bou tussen die St Helena 123 uitkots opbergingsfasiliteit (TSF) Terugvoerwaterdam (RWD) en Dam 13, en sal in die toekoms integreer met die laedruk waterstelsel wat deel is van die Vrystaat Herwinningsprogram (spesifiek die voorgestelde Nootgedacht TSF-projek). Die pylyn sal die volgende spesifikasies hê: Lengte: ongeveer 11,4 km, Deursnee: 650 NB met 4,5 mm wanddikte, Flensstaaipyp vervaardig volgens SANS 719-standaarde, Bo-gronds op voorafvervaardigde betonsokkels geïnstalleer, en ontwerpe Ontwerp vloeiempo: 1 583 m<sup>3</sup>/uur (439 l/s). Die pylyn sal 'n soortgelyke korridor volg wat voorgestel is vir die goedgekeurde FSN1-pylynprojek, en sodoende bykomende omgewings versteuring tot die minimum beperk. Die pylyne sal bogronds op voor gemaakte beton sokkels geïnstalleer word. EIMS sal voldoen aan die prosedures uiteengesit in die OIB-regulasies vir die uitvoering van 'n Basiese Assesseringsproses. 'n publieke deelnameproses sal geïmplementeer word ooreenkomstig hoofstuk 6 van die OIB-regulasies. U word uitgenooi om te registreer en kommentaar te lewer oor die voorgestelde projek en aansoek. Neem asseblief kennis dat slegs geregistreerde, belanghebbende en geaffekteerde partye (B&GP's) opdatings oor projekinligting- en deelnamegeleenthede sal ontvang. Om te verhoed dat u verdere publieke deelname en inligting misloop, dien asseblief B&GP-registrasies, of enige navrae, kommentaar of bekommernisse rakende hierdie aansoek, so gou moontlik by EIMS in deur middel van die kontakbesonderhede hier onder. Deur te registreer as 'n belanghebbende en geaffekteerde party, stem u in tot die insameling en verwerking van u persoonlike inligting soos per die EIMS-privaatheidskennisgewing beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation).

Kontak Persoon: Mbali Tshabalala  
EIMS Verwysingsnommer: 1735  
Posadres: P.O. Box 2083; Pinegowrie; 2123  
Telefoon: (011) 789 7170  
Faks: (086) 571 9047  
E-pos: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)



Sluit asseblief die projekverwysingsnommer 1735 by alle korrespondensie in. Verdere inligting sal beskikbaar wees by [www.eims.co.za/public-participation/](http://www.eims.co.za/public-participation/). Neem asseblief kennis dat indien u nie toegang tot die webwerf het nie as gevolg van databeperkings, kontak asseblief EIMS vir alternatiewe reëlings.

NM10042384-V1150126



## Appendix D4: SITE NOTICE PROOF

Site Notice:

**NOTIFICATION: ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS.**  
 In accordance with the requirements of Chapter 6 of the Environmental Impact Assessment (EIA) Regulations (Government Notice 9882 as amended, promulgated under the National Environmental Management Act 107 of 1998-NEMA), notice is herewith given of applications which will be subjected to a public participation process.

**Applicant:** Harmony Mining Company Ltd

**Applications:**

- Environmental Authorisation (EA) in accordance with the NEMA- Listed activities: Listing Notice 1: Activities 10 & 19; and Listing Notice 3: Activity 14.
- Water Use Licence (WUL) in accordance with the National Water Act – NWA (Act 36 of 1998) - Listed activities: Section 21(c) and Section 21(i).

**Location:** The project area is located within the Matjhabeng Local Municipality, in the Lejweleputswa District Municipality, in the Free State Province. Please refer to attached project locality map.

**Activity:** Additional listed activities and/or water uses may be identified during the process. The Applicant is planning to construct a new return water pipeline between the St Helena 123 Tailings Storage Facility (TSF) Return Water Dam (RWD) and Dam 13, and in future will integrate with the low-pressure water system forming part of the Free State Reclamation Programme (specifically the proposed Nootgedacht TSF project). The pipeline will have the following specifications: Length: approximately 11.4 km, Diameter: 650 NB with 4.5 mm wall thickness, Flanged steel pipe manufactured to SANS 719 standards, installed above-ground on prefabricated concrete plinths, and Design flow rate: 1,583 m<sup>3</sup>/hr (439 l/s). The pipeline will follow a similar corridor proposed for the approved FSN1 Pipeline Project, thereby minimising additional environmental disturbance. The pipelines will be installed above-ground on pre-cast concrete plinths.

EIMS will be following the procedures defined in the EIA Regulations for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and applications. Please note that only registered i&AP's will be informed of future project information and opportunities for participation. In order to avoid missing out on opportunities for further public participation and information, please submit i&AP registrations, or any queries, comments, or concerns with regards to this application, as soon as possible to EIMS at the details provided below. By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation).

**KENNISGEWING: AANSOEKPROSES OM OMGEWINGSMAGTIGING.**  
 Doreenkomstig die vereistes van hoofstuk 6 van die Omgewingsimpakstudie (OIB-) regulasies (staatskennigeging 9882 soos gewysig, afgekondig kragtens die Wet op Nasionale Omgewingsbestuur – WNOB, Wet 107 van 1998), word hiermee kennis gegee van 'n aansoek/e wat aan 'n openbare deelnameproses onderwerp sal word.

**Aansoeker:** Harmony Mining Company Ltd

**Aansoek:**

- Omgewingsmagtiging (OM) ooreenkomstig die WNOB-gelyste aktiwiteite: Lyskennigeging 1: Aktiwiteite 10 & 19; en Lyskennigeging 3: Aktiwiteit 14.
- Watergebruiklisensie (WGL) ooreenkomstig die Nasionale Waterwet – NWW (Wet 36 van 1998) – Gelyste aktiwiteite: Artikel 21(c) en Artikel 21(i).

**Legging:** Die projek gebied is geleë binne die Matjhabeng Plaaslike Munisipaliteit, in die Lejweleputswa Distriksmunisipaliteit, in die Vrystaat provinsie. Verwys asseblief na die aangehegte projek se lokaliteitskaart.

**Aktiviteite:** Bykomende gelyste aktiwiteite en/of watergebruik kan tydens die proses geïdentifiseer word. Die aansoeker beplan om 'n nuwe terugvoer waterpyplyn te bou tussen die St Helena 123 uitsok opbergingsfasiliteit (TSF) Terugvoerwaterdam (RWD) en Dam 13, en sal in die toekoms integreer met die laedruk waterstel wat deel is van die Vrystaat Herwiningsprogram (spesifiek die voorgestelde Nootgedacht TSF-projek). Die pyplyn sal die volgende spesifikasies hê: Lengte: ongeveer 11,4 km, Deursnee: 650 NB met 4,5 mm wanddikte. Flensstaalpylp vervaardig volgens SANS 719-standaarde, Bo-gronds op voorafvervaardigde betonsokkels geïnstalleer, en Ontwerp vloeiempo: 1 583 m<sup>3</sup>/uur (439 l/s). Die pyplyn sal 'n soortgelyke korridor volg wat voorgestel is vir die goedgekeurde FSN1 pyplynprojek, en sodanige bykomende omgewings versterking tot die minimum beperk. Die pyplyne sal bo-gronds op voor gemaakte beton sokkels geïnstalleer word.

EIMS sal voldoen aan die prosedures uiteengesit in die OIB-regulasies vir die uitvoering van 'n Basiese assesseringsproses 'n Openbare deelnameproses sal geïmplementeerd word ooreenkomstig hoofstuk 6 van die OIB-regulasies. U word uitgenooi om te registreer en kommentaar te lewer oor die voorgestelde projek en aansoek(e). Neem asseblief kennis dat slegs geregistreerde belanghebbende en geaffekteerde partye (i&AP's) updatertings oor projekinligting en deelnamegeleentheid sal ontvang. Om te verhoed dat u verdere openbare deelname en inligting misloop, dien asseblief B&GP-registrasies, of enige navrae, kommentaar of bekommernisse rakende hierdie aansoek, so gou moontlik by EIMS in deur middel van die kontakbesonderhede hier onder. Deur te registreer as 'n belanghebbende en geaffekteerde party, stem u in tot die insameling en verwerking van u persoonlike inligting soos per die EIMS-privatheidskennigeging beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation).

**TSEBISO: MEHATO YA KOPO YA TUMELLO YA TIKOLOHO.**  
 Ho ya ka ditshoko tsa Kgaolo ya 6 ya Melawana ya Tselo ya Tikoloho (EIA) (Tsebiso ya Mmuso ya 9882 e ntafadiweng, e phatlaladitswe tlasa Molao wa Naha wa Taolo ya Tikoloho wa 107 wa 1998-NEMA), mona tsebiso e fanwe mabapi le kopo kapa dikopo tse tla lebiswa tsamsaisong ya ho nka karolo ha sethaba.

**Mokopi:** Harmony Mining Company Ltd

**Dikopo:**

- Tumello ya Tikoloho (EA) ho latela mesebeti e thathamisiweng ke NEMA: Tsebiso ea 1: Mesebeti ea 10 & 19; le Tsebiso ea 3: Mesebeti ea 14.
- Laesense ya ho Sebedisa Metsi (WUL) ho latela Molao wa Naha wa Metsi - NWA (Molao wa 36 wa 1998) - mesebeti e thathamisiweng: Karolo ea 21 (c) le Karolo ea 21 (i).

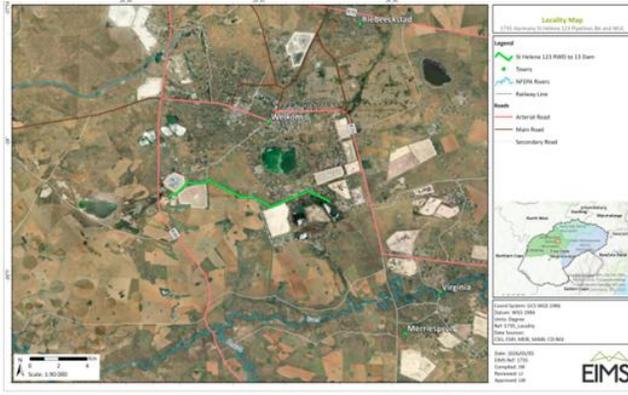
**Sebaka:** Sebaka sa projekte se kahare ho Masepala oa Lehae oa Matjhabeng, Masepaleng oa Setereke sa Lejweleputswa, Profinseng ea Free State. Ka kopo sheba 'mapa oa sebaka sa projekte

**Mosebetsi:** Mosebetsi e meng e thathamisiweng le kapa ditseta ba ho sebedisa metsi e ka nna tsa tsejwa nakong ya tsebetsiso. Mokopi o rera ho aha phaepepe e ncha ea metsi a khutlang lipakeng tsa St Helena 123 Tailings Storage Facility (TSF) letamo la Metsi ea Khutlang (RWD) le Dam 13, 'me nakong e tlang e tla kopanngoe le sistimi na metsi e nang le khatello e tlase e etsoang karolo ea Free State Reclamation Programme (haholo-holo projete e reriehong ea Nootgedacht TSF). Phaepepe e tla ba le lithaloso tse tselang: Bolelele: hoo e ka bang 11.4 km, Bophara: 650 NB le botenywa ba lebetla le 4.5 mm. Phala ea tsepe e entsoeng ka tsepe e entsoeng ho lala likhanyeto tsa SANS 719, e kentsoe ka holimo ho li-plinths tsa konkreete tse entsoeng pele, le Sekhahla sa phallo ea moralo: 1,583 m<sup>3</sup> / hr (439 l / s). Phala e tla latela phaepepe e 'n tanang e hahitsoeng bakeng sa Projekte ea Phaepepe ea FSN1 e amehelang, ka hona e fokotsa pherekano e eketsehileng ea tikoloho. Liphaepepe li tla kenngoa ka holima lefathe ka li-plinths tsa konkreete tse entsoeng pele.

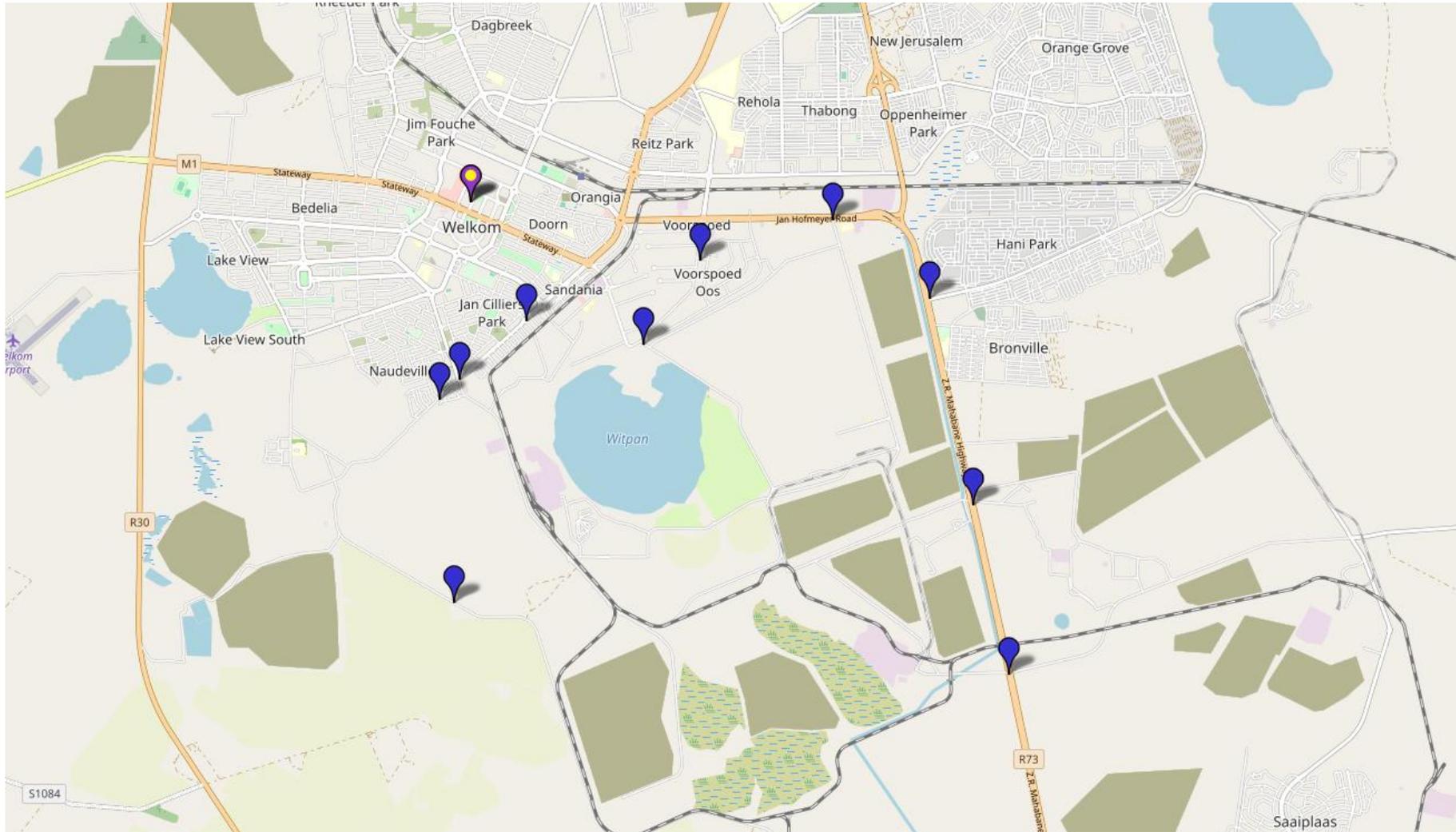
EIMS e tla ikamahanya le mehato ya tsebetsiso e hlalosiweng ho Melawana ya EIA bakeng sa ho tsamaisa Tsebetsiso ya Tshabiso ya Motheo Tumellanong le Kgaolo ya 6 ya Melawana ya EIA, e leng mokgwa wa hore sethaba se lenye letsho o tla kenngwa tsebetsong. O melwela ho ingodisa le ho fana ka maikutlo mabapi le projekte e sistimweng le dikopo. Ka kopo lokomela hore ke Mahlakore a Thaharalang le a Amehang feela (di-i&AP) a ngodisiweng feela a tla fumana ditshata tsa moraozom mabapi le tshahisoleding ya projekte le menyela ya ho nka karolo. Ho qoba ho fetwa ke bonakaloro le ditaba tse ling tsa sethaba, ka kopo romela boingodiso ba i&AP kapa dipotso dife kapa dife, maikutlo, kapa ditlalelo tse amanang le kopo ena, kapele kamoo ho ka kgonehang ho EIMS u sebedisa ditshata tsa ho kopanya tse fanweg ka tlasa mona. Ka ho ingodisa hore o be setho se nang le thahasello le se amehlang, o dumela hore ho bokellwe le hore ho sebediswe thahisoleding ya hao ya botho ho latela Tsebiso ya Lekunoto ya EIMS e fumanehang ho [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation).

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<p>Contact Person/ Kontak Persoon/ moikarabelli - Mbali Tshabalala                  EIMS Reference Number/ EIMS Verwysingsnommer/ Nomoro ya Tshupetso ya EIMS: <b>1735</b></p> <p>Telephone/ Telefoon/ Nomoro ea mahlala : (011) 789 7170</p>	<p><b>EIMS Contact Details:</b></p> <p>Fax/ Faks/ fakulle: (086) 571 9047                  E-mail/ E-pos/ imeile: <a href="mailto:sthenela@eims.co.za">sthenela@eims.co.za</a></p> <p>Date of placement/ datum van plasing/ Letsatshi la ho beoa : January 2026</p>	<p><b>Website Link:</b></p>   <p><b>ENVIRONMENTAL IMPACT MANAGEMENT SERVICES</b></p>
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## Site Notice Locations



Site Notice 1: Taken Date: 2026/02/05 12:22:29; Coordinates: S27°59'40.93"; E26°44'45.49"



Site Notice 2: Taken Date: 2026/02/05 12:33:46; Coordinates: S27°59'52.15"; E26°45'50.70"



Site Notice 3: Taken Date: 2026/02/05 13:00:17; Coordinates: S27°59'29.75"; E26°48'29.54"



Site Notice 4: Taken Date: 2026/02/05 13:20:06; Coordinates: S28°1'10.39"; E26°48'53.41"



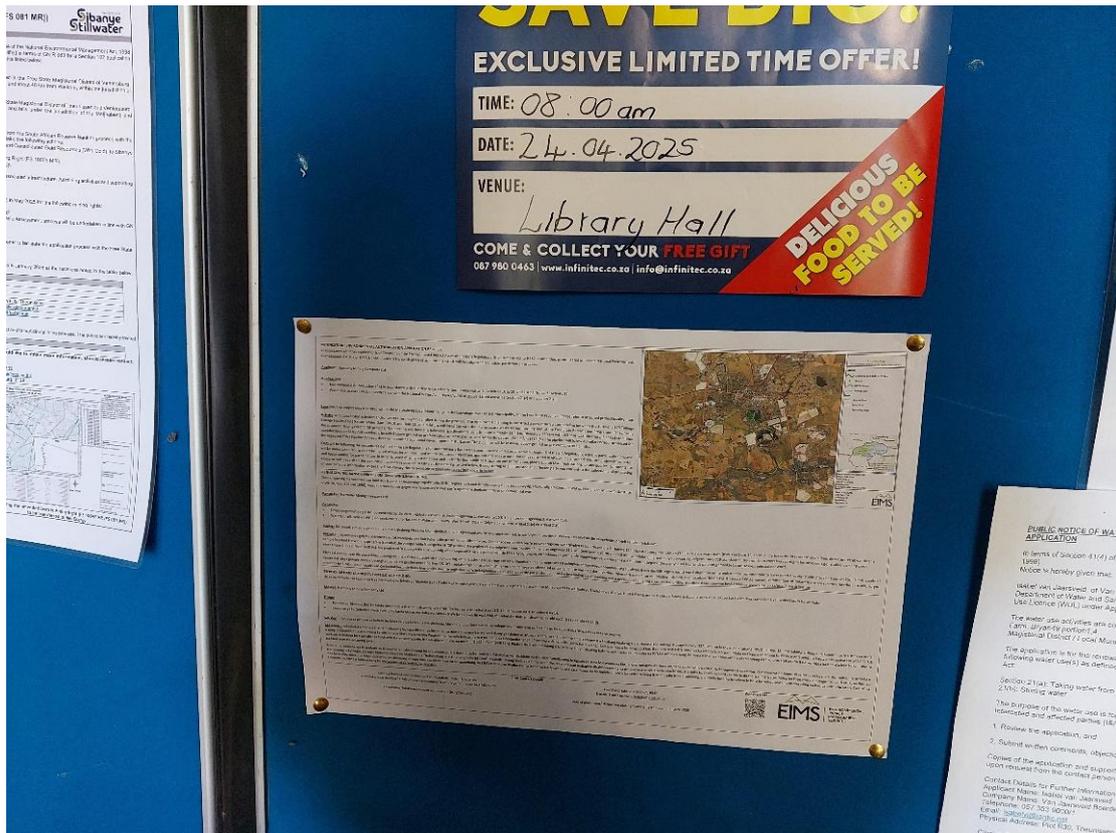
Site Notice 5: Taken Date: 2026/02/05 13:32:45; Coordinates: S27°58'51.71"; E26°47'36.00"



Site Notice 6: Taken Date: 2026/02/05 13:44:45; Coordinates: S27°59'11.50"; E26°46'22.20"



A3 Poster: Taken Date: 2026/02/05 13:59:53; Coordinates: S27°58'43.25"; E26°44'14.93"



Site Notice 7: Taken Date: 2026/02/05 11:31:47; Coordinates: S28°1'58.05"; E26°44'5.62"



Site Notice 8: Taken Date: 2026/02/05 12:07:44; Coordinates: S28°0'19.35"; E26°43'57.42"



Site Notice 9: Taken Date: 2026/02/05 12:14:57; Coordinates: S28°0'9.46"; E26°44'8.71"



Site Notice 10: Taken Date: 2026/02/05 13:12:04; Coordinates: S28°2'32.57"; E26°49'13.52"





## Appendix D5: BASIC ASSESSMENT REPORT AVAILABILITY NOTIFICATION

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or [popia@eims.co.za](mailto:popia@eims.co.za)

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20 March 2026

Our ref: 1735/LJ/mts

To whom it may concern

Dear Registered Interested and Affected Party:

**NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED HARMONY ST HELENA 123 PIPELINE PROJECT, IN THE MATJHABENG LOCAL MUNICIPALITY, FREE STATE PROVINCE, SOUTH AFRICA.**

As a registered Interested and Affected Party (I&AP) for the above-mentioned project, you are hereby notified of the following opportunities for public participation:

Description of event:	Availability of Basic Assessment Report (BAR) for Public Review and Comment
<b>Where:</b>	A hard copy of the report can be viewed at the Welkom Public Library (Corner Reinet and Tulbagh Street, Welkom Central, Free State)
	Electronic copies of the report can be downloaded from the EIMS website: <a href="https://www.eims.co.za/public-participation/">https://www.eims.co.za/public-participation/</a>
	
<b>When:</b>	Comment on the BAR to be submitted within 30 days (until 23 April 2026)

**NB: Please note that in the event that you are unable to access the report due to data constraints please contact EIMS for alternative arrangements.**

All inputs received by EIMS will be included in subsequent submissions to the relevant competent authorities for consideration in their decision-making process.

I&AP registrations, or any queries, comments, or concerns with regard to this application, can be directed to EIMS at:

Contact Person: Mbali Tshabalala

EIMS Reference Number: 1735

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)

Please include the project reference number 1735 in all correspondence.

Please feel free to contact the undersigned if you have any queries or concerns.

Kind Regards,

**Mbali Tshabalala**

20 March 2026

Ons verwysings: 1735/LJ/mts

Vir wie dit mag aangaan

Geagte Belangstellende en Geaffekteerde Party:

**KENNISGEWING OOR GELEENTHEID OM DEEL TE NEEM AAN DIE OMGEWINGSMAGTIGINGSAANSOEKPROSES VIR DIE VOORGESTELDE HARMONIE ST HELENA 123 PYPLYNPROJEK, IN DIE MATJHABENG PLAASLIKE MUNISIPALITEIT, VRYSTAATPROVINSIE, SUID-AFRIKA.**

As 'n geregistreerde Belangstellende en Geaffekteerde Party (B&GP) vir die bogenoemde projek, word u hiermee in kennis gestel van die volgende geleentheid vir publieke deelname:

<b>Beskrywing van gebeurtenis:</b>	<b>van</b>	<b>Beskikbaarheid van Basiese Assesseringsverslag (BAR) vir Openbare Hersiening en Kommentaar</b>
<b>Waar:</b>		'n Harde kopie van die verslag sal in die Welkom Public Library (Corner Reinet and Tulbagh Street, Welkom Central) beskikbaar wees.  'n Kopie van die verslag is beskikbaar op die EIMS webwerf: <a href="https://www.eims.co.za/public-participation/">https://www.eims.co.za/public-participation/</a>
<b>Wanneer:</b>		Kommentaar oor die BAR moet binne 'n tydperk van 30 dae ingedien word (tot die 23 April 2026)



**NB: Indien u enige probleme ondervind om toegang tot die verslag te kry as gevolg van dataprobleme, kontak asseblief EIMS om alternatiewe reëlings te maak.**

Alle kommentaar ontvang deur EIMS sal in opvolgende voorleggings aan die relevante bevoegde owerhede bekend gemaak word vir oorweging in hul besluitnemingsproses.

B&GP-registrasies, of enige navrae, opmerkings of bekommernisse met betrekking tot hierdie aansoek, kan aan EIMS gerig word by:

Kontak persoon: Mbali Tshabalala

EIMS Verwysingsnommer: 1735

Pos adres: P.O. Box 2083; Pinegowrie; 2123

Telefoon: (011) 789 7170/ Faks: (086) 571 9047

E-pos: sthelenaeims.co.za

Sluit asseblief die projekverwysingsnommer 1735 by alle korrespondensie in.

Groete,

**Mbali Tshabalala**

20 March 2026

Ref ya rona ke: 1735/LJ/mts

Ho eo e mo amang

Madume ho Mokgatlo o Ngodisitsweng o Nang le Thahasello le o Amehileng:

**TSEBISO MABAPI LE MONYETLA OA HO NKA KAROLO TS'EBETSONG EA KOPO EA TUMELLO EA TIKOLOHO BAKENG SA MORERO O SISINTSWENG OA PHAEPHE 123 EA HARMONY ST HELENA, MASEPALENG OA SELEHAE OA MATJHABENG, PROFINSENG EA FREE STATE, AFRIKA BOROA.**

Jwaloka Mokgatlo o Ngodisitsweng o Nang le Thahasello le o Amehileng (I&AP) bakeng sa projekte e boletsweng ka hodimo, o tsebiswa mona ka menyetla e latelang ya ho kenya letsoho ha sechaba:

---

**Tlhaloso ya ketsahalo:** Ho fumaneha ha Tlaleho ea Tlhahlobo ea Motheo (BAR) bakeng sa tlhahlobo ea sechaba le maikutlo

---

**Hokae:** Kopi e hatisitsweng ya tlaleho e ka bonwa Laeboraring ya Sechaba ya Welkom (Corner Reinet le Tulbagh Street, Welkom Central)

---

Likopi tsa elektroniki tsa tlaleho di ka taoneloutwa webosaeteng ya EIMS ya: <https://www.eims.co.za/public-participation/>



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**Neng:** Maikutlo ka BAR a tla romelwa nakong ya matsatsi a 30 (ho fihlela ka la 23 April 2026)

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**NB: Ka kopo hlokomela hore ketsahalang eo u sa kgoneng ho fihlella tlaleho ka lebaka la mathata a data ka kopo ikopanye le EIMS bakeng sa ditlhophiso tse ding.**

Maikutlo oohle fumanweng ke EIMS a tla kenyelletswa tlalehong e romelwang ho ba boholong ba nang le bokgoni hore ba nahane ka ona ha ba etsa diqeto.

Ngoliso ya I&AP, kapa dipotso, maikutlo, kapa ditletlebo leha e le dife mabapi le kopo ena, di ka lebiswa ho EIMS ho:

Ya Ikarabellang: Mbali Tshabalala

Nomoro ya Tshupiso ya EIMS: 1735

Aterese ya Poso: P.O. Box 2083; Pinetown; 2123

Mohala: (011) 789 7170/ Fekese: (086) 571 9047

E-mail: [sthelena@eims.co.za](mailto:sthelena@eims.co.za)

Ka kopo kenyelletsa nomoro ya tshupiso ya projekte ya 1735 mangolong oohle.

Ka kopo, ikutlwe u lokolohile ho ikopanya le motho ya saenneng ka tlase mona haeba u na le dipotso kapa ditletlebo.

Litumeliso tse mosa,

**Mbali Tshabalala**



## Appendix D6: TABLE OF CORRESPONDENCE

# Comments and Responses 1735 Harmony St Helena 123 Pipelines BA and WUL

## Vhukhudo Chaka

Date 2026/02/11 Method Email

### Comment

Good morning, Thank you for the EIA notification, may you kindly resend the attachments to environment@caa.co.za and delist all other SACAA email addresses on your database. Kindly save and send your environmental impact analysis reports/meeting requests and request for comments to environment@caa.co.za, going forward please. Regards,

### Response

Good day \*\*\*, Thank you for your email. Please note that the notification was sent to the aforementioned email and no other contacts from your organisation are listed on our database. For anything further, please do not hesitate to contact us.

Date 2026/02/17 Method Email

### Comment

Good day, I trust that you are well. The South African Civil Aviation Authority (SACAA) – Aviation Environmental Protection (AEP) Department has reviewed the Environmental Authorisation Application for the Proposed Harmony St Helena 123 Pipeline Project, located in the Matjhabeng Local Municipality, Free State Province, South Africa. Please be advised that the AEP Department has no comments regarding the proposed development. Should you require any further assistance, please do not hesitate to contact us. Kind regards,

### Response

Good day \*\*\*, Thank you for your email, it has been noted with thanks.

## Mr Khanyisile Bonile

Date 2026/02/05 Method Email

### Comment

Good day, Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or Dropbox links as official submissions. Please create an application on SAHRIS for each EA application and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process, and the assessment must comply with section 38(3) of the NHRA. If a case already exists on SAHRIS regarding the development, please upload the documents to that case using the "Make an additional submission to an existing case" in the application selector wizard <https://sahris.org.za/form/application-selector>. Please ensure that all documents produced as part of the EA process are submitted as part of the application. **\*\*PLEASE NOTE\*\*** An application fee is now required for all section 38 applications. Please ensure that the SAHRIS application contains a proof of payment as per the notice at the following link: <https://sahris.org.za/help>. A payment of R 2 000.00 for each application is required. Please

### Response

Good day, Thank you for your email. The submission will be made to the website.

# Comments and Responses 1735 Harmony St Helena 123 Pipelines BA and WUL

**Mr Khanyisile Bonile**

make separate payments with the specific reference numbers. Applications that do not include a proof of payment will be considered incomplete and will not be processed until proof of payment is provided. Please make use of the SAHRIS Case ID in the payment reference. e.g. 12345/38.8. Please upload the PoP using the "Make an additional submission to an existing case" in the application selector wizard <https://sahris.org.za/form/application-selector>. The case officer assigned to your case will approve the submission and begin to process the case  
Kind regards,

**Wentzel Radcliffe**

Date 2026/02/06 Method Email

**Comment**

Good day If possible, can you please send a KMZ file for this proposal, for us to provide comments. Regards,

**Response**

Good day Wentzel, Thank you for your email. Please find attached the KMZ for the proposed project as requested. For any further queries and/or concerns, please do not hesitate to contact us.



## Appendix D7: CORRESPONDENCE DOCUMENT

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or [popia@eims.co.za](mailto:popia@eims.co.za)

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**APPENDIX 5: PROOF OF SUBMISSION OF WULA**

**Lucien James**

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**Subject:** FW: Water Use Application has been submitted to the department (WU47990)

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**From:** [Ewulaas Do Not Reply@dws.gov.za](mailto:Ewulaas_Do_Not_Reply@dws.gov.za) <[Ewulaas Do Not Reply@dws.gov.za](mailto:Ewulaas_Do_Not_Reply@dws.gov.za)>

**Sent:** Monday, 02 March 2026 13:47

**To:** John van Wyk <[JVWyk@Harmony.co.za](mailto:JVWyk@Harmony.co.za)>

**Subject:** Water Use Application has been submitted to the department (WU47990)

**This Message originated outside your organization.**

---

Dear Mr John van Wyk (Senior Environmental Manager),

The following application has been submitted to the department :

Harmony St Helena 123 Pipeline (WU47990)

The Application was submitted to :

Name : Ms M. Mokotso (Regional Admin)

e-Mail : [mokotsom@dws.gov.za](mailto:mokotsom@dws.gov.za)

Tel : 0514059171

[Click Here to access the Application](#)

Kind Regards,

e-WULAAS on Behalf of **Department of Water and Sanitation**

Private Bag X313, Pretoria, 0001  
Sedibeng Building, 185 Francis Baard Street, Pretoria, 0001  
Tel: (012) 336 7500  
Fax: (012) 323-4472  
Website: [www.dws.gov.za](http://www.dws.gov.za)  
Email: [E-WULAASCalls@dws.gov.za](mailto:E-WULAASCalls@dws.gov.za)



In e-WULAAS Notifications

**DISCLAIMER:** This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized

use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.