

# BASIC ASSESSMENT REPORT

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(For official use only)

**File Reference Number:**

**Application Number:**

**Date Received:**


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**Basic Assessment Report in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, and the Environmental Impact Assessment Regulations, 2006**

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Kindly note that:

1. This **basic assessment report** is a standard report that may be required by a competent authority in terms of the EIA Regulations, 2006 and is meant to streamline applications. Please make sure that it is the report used by the particular competent authority for the activity that is being applied for.
2. The report must be typed within the spaces provided in the form. The size of the spaces provided are not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
3. Where applicable **tick** the boxes that are applicable or **black out** the boxes that are not applicable in the report.
4. An incomplete report may be returned to the applicant for revision.
5. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the regulations.
6. This report must be handed in at offices of the relevant competent authority as determined by each authority.
7. No faxed or e-mailed reports will be accepted.
8. The report must be compiled by an independent environmental assessment practitioner.
9. Unless protected by law, all information in the report will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.
10. A competent authority may require that for specified types of activities in defined situations only parts of this report need to be completed. In addition, if it is clear to the EAP that because of the particular circumstances of the case it is not sensible to complete any of the sections indicated under paragraph 3 of this report, he or she may apply for exemption from completing that part of the report in the spaces provided in the report. It must however be noted that if the application for exemption is turned down, the report may have to be resubmitted.

## SECTION A: APPLICATION FOR EXEMPTION

The relevant parts of this section must be completed if the environmental assessment practitioner (EAP) on behalf of the applicant wishes to apply for exemption from completing or complying with certain parts of this basic assessment report.

### 1. APPLICATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES:

At least two alternatives (site or activity) should be assessed. If that is not possible, the applicant should apply for exemption from having to assess alternatives. Such exemption will, however, not apply to the no-go alternative that must be assessed in all cases.

Provide a detailed motivation for not considering alternatives including an explanation of the reason for the application for exemption (supporting documents, if any, should be attached to this report):

*Exemption from alternatives letter was submitted to the Department of Environmental Affairs on 13 August 2009. Envirovolution Consulting have followed up with the allocated officer Mr Phaladi (012 310 3870) of DEA on 19 October 2009. Mr M Phaladi advised that DEA will not issue an exemption letter as alternatives are not applicable since the site is being decommissioned. See correspondence attached as **Appendix F**.*

I declare that the above motivation is accurate and, hereby apply for exemption in terms of regulation 51 of the Environmental Impact Assessment Regulations, 2006, from having to assess alternatives in this application as required in section 24(4)(b) in the National Environmental Management Act, 1998 (Act No. 107 of 1998)

Signature of the EAP: \_\_\_\_\_ Date: \_\_\_\_\_

### 2. APPLICATION FOR EXEMPTION FROM COMPLYING WITH PARTS OF REGULATION 23(2) REGARDING THE CONTENT OF THIS BASIC ASSESSMENT REPORT:

Application for exemption from certain parts of regulation 23(2) regarding the completion of certain parts of this basic assessment report may be made by completing the relevant sections below.

Indicate the numbers of the sections of this report for which exemption is applied for:

Section B:	7(a)	7(b)	7(c)	7(d)	8	9	10(c)	10(e)	10(f)	10(g)	10(h)	10(j)	10(k)	12
Section C:	1/	2/	3/	4/	5/	6/								
Section D:	1(a)	1(b)	1(c)	1(d)	1(f)	1(g)	3							

Provide a detailed motivation including an explanation of the reason for the application for exemption (supporting documents, if any, should be attached to this report):

*See **Appendix F** for the relevant letter*

I declare that the above motivation is accurate and, hereby apply for exemption in terms of regulation 51 of the EIA Regulations, 2006, from having to complete the indicated sections of the Basic Assessment Report.

Signature of the EAP: \_\_\_\_\_ Date: \_\_\_\_\_

## SECTION B: ACTIVITY INFORMATION

### 1. ACTIVITY DESCRIPTION

Describe the activity, which is being applied in detail (A1):

*Construction, expansion or decommissioning of facilities and associated structures and infrastructure*

### 2. ALTERNATIVES

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the competent authority may also request the applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

#### 2(a) Site alternatives:

Describe site alternative 1 (S1), for the activity described above, or for any other activity alternative:

*The decommissioning of the dump can only be undertaken at the existing site, therefore alternatives are not applicable, see comments on **Section A 1** and correspondence with DWEA*

#### (2)(b) Activity alternatives:

Describe activity alternative 2 (A2), if any, for any or all of the site alternatives as appropriate:

*The decommissioning of the dump can only be undertaken at the existing site, therefore alternatives are not applicable, see comments on **Section A 1** and correspondence with DWEA*

### 4. ACTIVITY POSITION

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

#### Alternative:

Alternative S1<sup>1</sup> (preferred or only site alternative)

#### Latitude (S):

23<sup>0</sup> 40.1500

#### Longitude (E):

27<sup>0</sup> 35.7933

### 5. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

#### Alternative:

Alternative A1<sup>2</sup> (preferred activity alternative)

#### Size of the activity:

65 059.616 m<sup>2</sup>

### 6. SITE ACCESS

Does ready access to the site exist, or is access directly from an existing road?

YES

If NO, what is the distance over which a new access road will be built

N/A

Describe the type of access road planned:

*Existing access roads within Matimba Power station will be used as the waste dump is located within the power station boundaries*

Include the position of the access road on the site plan.

### 7. WASTE, EFFLUENT, EMISSION AND NOISE MANAGEMENT

#### 7(a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES

NO

If yes, what estimated quantity will be produced per month?

100 – 150 m<sup>3</sup>

How will the construction solid waste be disposed of (describe)?

*Construction waste will be disposed of through Eskom procedures via contractor appointment on the National Contract*

<sup>1</sup> "Alternative S.." refer to site alternatives.

<sup>2</sup> "Alternative A.." refer to activity, process, technology or other alternatives.

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Where will the construction solid waste be disposed of (describe)?

*Construction waste will be disposed at a registered landfill site*

Will the activity produce solid waste during its operational phase?

YES  NO

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

*Construction waste will be disposed at a registered landfill site*

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, the application should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES  NO

If yes, inform the competent authority and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment facility?

YES  NO

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Describe the measures, if any, that will be taken to ensure the optimal reuse or recycling of materials:

Has a specialist been consulted to assist with the completion of this section?

YES  NO

## 7(b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES  NO

If yes, what estimated quantity will be produced per month?

YES  NO  N/A

Will the activity produce any effluent that will be treated and/or disposed of on site?

YES  NO

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES  NO

## 7(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES  NO

If yes, is it controlled by any legislation of any sphere of government?

YES  NO

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

*The activity will have no significant emissions to the atmosphere*

## 7(d) Generation of noise

Will the activity generate noise?

YES  NO

If yes, is it controlled by any legislation of any sphere of government?

YES  NO

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

*Construction noise will only apply during the decommissioning process, noise will therefore be of temporary levels and will have low impact*

Has a specialist been consulted to assist with the completion of this section?

YES  NO

## 8. WATER USE

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box(es)

the activity will not use water

If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate the volume that will be extracted per month:

YES  NO  N/A

Does the activity require a water use permit from the Department of Water Affairs and Forestry?

YES  NO

## 9. ENERGY EFFICIENCY

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

*Not Applicable as this is a closure of the rock dump application*

Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

N/A

## 10. SITE OR ROUTE PLAN (Site map)

See **Appendices A and B**

## 11. SITE PHOTOGRAPHS

See **Appendix B**

Colour photographs from the center of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under Appendix B to this form. It should be supplemented with additional photographs of relevant features on the site, if applicable.

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## 12. FACILITY ILLUSTRATION

*In terms of the current status of the rock dump, no existing layout design is available", please refer to Appendix B for the site photographs.*

## 13. ACTIVITY MOTIVATION

### 13(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?

What is the expected yearly income that will be generated by or as a result of the activity?

±R200,000.00
R0.00 as this is decommissioning phase of the facility
<b>NO</b>
N/A
N/A
N/A
N/A
N/A
N/A

Will the activity contribute to service infrastructure or is it a public amenity?

How many new employment opportunities will be created in the development phase of the activity?

What is the expected value of the employment opportunities during the development phase?

What percentage of this will accrue to previously disadvantaged individuals?

How many permanent new employment opportunities will be created during the operational phase of the activity?

What is the expected current value of the employment opportunities during the first 10 years?

What percentage of this will accrue to previously disadvantaged individuals?

### 13(b) Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

*It is a legal requirement from DEA and DWA that a formal closure permit of the waste dump be sought following the decommissioning of the facility*

Indicate any benefits that the activity will have for society in general:

*None*

Indicate any benefits that the activity will have for the local communities where the activity will be located:

*None*

## 14. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

Title of legislation, policy or guideline:

Administering authority:

Date:

<i>National Environmental Management Waste Act No 59</i>	<i>DWEA</i>	<i>2008</i>
<i>National Environmental Management Act No 8 of 2004 as amended</i>	<i>DWEA</i>	<i>2006</i>

## SECTION C: SITE/AREA DESCRIPTION

**Important note:** For linear activities (pipelines etc) as well as activities that cover very large sites, it may be necessary to complete Section C for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area, which is covered by each copy No. on the Site Plan.

Section C Copy No. (e.g. A):   
(complete only when appropriate)

### 1. GRADIENT OF THE SITE

Indicate the general gradient of the sites.

**Alternative S1:**

Flat	1:50 – 1:20		1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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### 2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site.

**Alternative S1:**

	Plain	
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### 3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on any of the following (tick the appropriate boxes)? *Also See Geohydrological report attached in Appendix C1*

	<b>Alternative S1:</b>	
Shallow water table (less than 1.5m deep)	YES	
Dolomite, sinkhole or doline areas		NO
Seasonally wet soils (often close to water bodies)		NO
Unstable rocky slopes or steep slopes with loose soil		NO
Dispersive soils (soils that dissolve in water)		NO
Soils with high clay content (clay fraction more than 40%)		NO
Any other unstable soil or geological feature		NO
An area sensitive to erosion		NO

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted).

Has a specialist been consulted to assist with the completion of this section?

YES	
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If YES, please complete:

See attached report (**Appendix C1**)

Name of the specialist:	Andy Schulze-Hulbe		
Qualification(s) of the specialist:	Msc Geology		
Postal address:	Blue Rock Consulting, P O BOX 24614 Gezina		
Postal code:	0031		
Telephone:	(012) 993 2662	Cell:	082 773 5866
E-mail:	andy@brock.co.za	Fax:	(086)6846666

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## 4. GROUNDCOVER

Tick the types of groundcover present on the site.

**Alternative S1:**

Natural veld with scattered aliens <sup>E</sup>	
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If any of the boxes marked with an "E" is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn't have the necessary expertise.

Has a specialist been consulted?

	YES
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If YES, please complete the following: See attached ecological report (**Appendix C2**)

Name of the specialist:	Lukas Niemand		
Qualification(s) of the specialist:	Master of Science		
Postal address:	P.O.Box 72847 Lynwood Ridge Pretoria		
Postal code:	0040		
Telephone:	N/A	Cell:	083 978 0817
E-mail:	lukas@pachnoda.co.za	Fax:	012 365 3217

Are there any rare or endangered flora or fauna species (including red data species) present on any of the alternative sites? NO

## 5. LAND USE CHARACTER OF SURROUNDING AREA

Black out land uses and/or prominent features that does not currently occur within a 500m radius of the site

**Alternative S1:**

Power station <sup>A</sup>	
Landfill or waste treatment site <sup>A</sup>	
Other land uses (describe):	Decommissioned landfill

If any of the boxes marked with an "N" are ticked, please consult an appropriate noise specialist to assist in the completion of this section.

Has a specialist been consulted?

	NO
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## 6. CULTURAL/HISTORICAL FEATURES

**Alternative S1**

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including archaeological or palaeontological sites, on or close (within 20m) to the site? NO

If YES, explain: No

If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.

Briefly explain the findings of the specialist: *Also see attached Heritage Impact Assessment report (Appendix C3) undertaken for a proposed development located in close proximity to the site*

Will any building or structure older than 60 years be affected in any way? NO

Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)? NO

If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.

## SECTION D: PUBLIC PARTICIPATION

### 1. ADVERTISEMENT

See **Appendix D1**

The environmental assessment practitioner must follow any relevant guidelines adopted by the competent authority in respect of public participation and must at least –

- 1(a) Fix a notice in a conspicuous place, on the property where it is intended to undertake the activity which states that an application will be submitted to the competent authority in terms of these regulations and which provides information on the proposed nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations on the application may be made.
- 1(b) inform landowners and occupiers of adjacent land of the applicant's intention to submit an application to the competent authority
- 1(c) inform landowners and occupiers of land within 100 metres of the boundary of the property where it is proposed to undertake the activity and whom may be directly affected by the proposed activity of the applicant's intention to submit an application to the competent authority;
- 1(d) inform the ward councillor and any organisation that represents the community in the area of the applicant's intention to submit an application to the competent authority;
- 1(e) inform the municipality which has jurisdiction over the area in which the proposed activity will be undertaken of the applicant's intention to submit an application to the competent authority; and
- 1(f) inform any organ of state that may have jurisdiction over any aspect of the activity of the applicant's intention to submit an application to the competent authority; and
- 1(g) place a notice in one local newspaper and any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of these regulations.

### 2. CONTENT OF ADVERTISEMENTS AND NOTICES

See **Appendix D2**

Advertisements and notices must indicate that an application will be submitted to the competent authority in terms of the EIA regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made;

### 3. PLACEMENT OF ADVERTISEMENTS AND NOTICES

See **Appendix D2**

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the competent authority in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of the EIA regulations.

Advertisements and notices must make provision for site alternatives where appropriate.

### 4. DETERMINATION OF APPROPRIATE MEASURES

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the competent authority to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

### 5. COMMENTS AND RESPONSE REPORT AND OTHER PUBLIC PARTICIPATION DOCUMENTS

See **Appendix D3**

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in the EIA regulations and be attached to this application. The comments and response report must be attached under Appendix E.

### 6. LOCAL AUTHORITY PARTICIPATION

Local authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input. The planning and the environmental sections of the local authority must be informed of the application at least 30 (thirty) calendar days before the submission of the application.

Has any comment been received from the local authority?

NO

If "YES", briefly describe the feedback below (also attach any correspondence to and from the local authority to this application):



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*See email on correspondence with Interested and Affected Parties (Appendix D4)*

## 7. CONSULTATION WITH OTHER STAKEHOLDERS

Any stakeholder that has a direct interest in the site or property, such as servitude holders and service providers, should be informed of the application at least 30 (thirty) calendar days before the submission of the application and be provided with the opportunity to comment.

Has any comment been received from stakeholders?

YES

If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

*See Issues and Comments table and email sent to identified Interested and Affected Parties (Appendix D4)*

## SECTION E: IMPACT ASSESSMENT

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2006, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

### 1. ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the issues raised by interested and affected parties.

<i>See Issues Response Report – Appendix D4</i>
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Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report):

<i>See Issues Response Report – Appendix D4</i>
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### 2. IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, including impacts relating to the choice of site alternatives.

#### Alternative S1 (preferred alternative)

*Direct impacts: NONE*

*Indirect impacts: None*

*Cumulative impacts: None*

#### No-go alternative (compulsory)

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

<b>Alternative S1</b>	<b>Alternative S2</b>	<b>Alternative S3</b>
<i>None</i>	<i>Alternative site not an option</i>	<i>Alternative site not an option</i>

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase:

#### Alternative A1 (preferred alternative)

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

#### No-go alternative (compulsory)

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

<b>Alternative A1:</b>	<b>Alternative A2:</b>	<b>Alternative A3:</b>
<i>None</i>	<i>Alternative site not an option</i>	<i>Alternative site not an option</i>

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### 3. IMPACTS THAT MAY RESULT FROM THE CONSTRUCTION PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the construction phase:

**Alternative S1 (preferred alternative)**

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

**No-go alternative (compulsory)**

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

<b>Alternative S1</b>	<b>Alternative S2</b>	<b>Alternative S3</b>
NONE	Alternative site not an option	

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the construction phase:

**Alternative A1 (preferred alternative)**

*Direct impacts: Construction noise*

*Indirect impacts: None*

*Cumulative impacts: None*

**No-go alternative (compulsory)**

*Direct impacts: Contravening the DWEA legal requirement thus rock dump remain unrehabilitated and existing environmental problems such as ground water contamination will continue to prevail*

*Indirect impacts: Eskom contravening DWEA legislation*

*Cumulative impacts: None*

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

<b>Alternative A1:</b>	<b>Alternative A2:</b>	<b>Alternative A3:</b>
Possible impacts will be reduced or mitigated through implementation of the attached EMP (Appendix E) to this report	N/A as alternatives were not considered	N/A as alternatives were not considered

### 4. IMPACTS THAT MAY RESULT FROM THE OPERATIONAL PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the operational phase:

**Alternative S1 (preferred alternative)**

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

**No-go alternative (compulsory)**

*Direct impacts: None*

*Indirect impacts: None*

*Cumulative impacts: None*

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

<b>Alternative S1</b>	<b>Alternative S2</b>	<b>Alternative S3</b>

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None	<i>Alternatives not an option</i>	<i>Alternatives not an option</i>
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List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the operational phase:

**Alternative A1 (preferred alternative)**

<p><b>Direct impacts: N/A</b></p> <p><b>Indirect impacts: N/A</b></p> <p><b>Cumulative impacts: n/a</b></p>
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**No-go alternative (compulsory)**

<p><b>Direct impacts: Not applicable, site is being decommissioned</b></p> <p><b>Indirect impacts: Not applicable, site is being decommissioned</b></p> <p><b>Cumulative impacts: Not applicable, site is being decommissioned</b></p>
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Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative A1	Alternative A2	Alternative A3
None	Alternatives not an option	Alternatives not an option

### 5. IMPACTS THAT MAY RESULT FROM THE DECOMMISSIONING AND CLOSURE PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the decommissioning or closure phase:

**Alternative S1 (preferred alternative)**

<p><b>Direct impacts: Noise from decommissioning activities</b></p> <p><b>Indirect impacts: None</b></p> <p><b>Cumulative impacts: None</b></p>
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**No-go alternative (compulsory)**

<p><b>Direct impacts: Existing environmental problems such as ground water contamination will continue to prevail</b></p> <p><b>Indirect impacts: Potential contamination of underground water</b></p> <p><b>Cumulative impacts: None</b></p>
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Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative S1	Alternative S2	Alternative S3
<i>Impacts and mitigation measures will be monitored by the implementation of the EMP attached to this report</i>	N/A	n/a

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the decommissioning and closure phase:

**Alternative A1 (preferred alternative)**

<p><b>Direct impacts: None</b></p> <p><b>Indirect impacts :None</b></p> <p><b>Cumulative impacts: None</b></p>
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**No-go alternative (compulsory)**

<p><b>Direct impacts: None</b></p> <p><b>Indirect impacts: None</b></p> <p><b>Cumulative impacts: None</b></p>
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Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative A1	Alternative A2	Alternative A3
N/A		

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## 6. PROPOSED MANAGEMENT OF IMPACTS AND MITIGATION

Indicate how identified impacts and mitigation will be monitored and/or audited.

<b>Alternative S1</b>	<b>Alternative S2</b>	<b>Alternative S3</b>
<i>Impacts and mitigation measures will be monitored by the implementation of the EMP attached to this report</i>	<i>N/A – No alternatives available</i>	<i>N/A – No alternatives available</i>

## 7. ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, please provide an environmental impact statement that sums up the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been taken into account with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

### **Alternative S1 (preferred alternative)**

*Noise from construction activities during decommissioning activities, however the significance level is low and will be reduced to lower significance with the implementation of the EMP*

### Alternative S2

*N/A as the waste rock dump is being decommissioned*

### **No-go alternative (compulsory)**

***Direct impacts: Contravening the DWA legal requirement thus rock dump remain unrehabilitated and existing environmental problems such as ground water contamination will continue to prevail***

## 8. RECOMMENDATION OF PRACTITIONER

Is the information contained in this report and the documentation attached hereto sufficient to make a decision in respect of the activity applied for (in the view of the environmental assessment practitioner).

YES  NO

If "NO", indicate the aspects that should be assessed further as part of a Scoping and EIA process before a decision can be made (list the aspects that require further assessment):

*N/A*

If "YES", please list any recommended conditions, including mitigation measures, that should be considered for inclusion in any authorisation that may be granted by the competent authority in respect of the application:

*Construction activities to be limited to normal working hours in line with the power station working hours*

## SECTION F: APPENDIXES

The following appendixes must be attached as appropriate:

Appendix A: Locality map, Site plan and Facility Illustrations(s)

Appendix B: Photographs

Appendix C: Specialist reports

C1: Geohydrology Report

C2: Ecological input

C3: Heritage report

Appendix D: Public Participation Documents

D1: Newspaper advertisements

D2: Site Notices

D3: Background Information Document, Cover letter, Registration form,  
Comments response report and Correspondence with I&APS

Appendix E: Draft EMP

Appendix F: Information in support of applications for exemption

Appendix G: Other information