

5.3.4 *Obtaining comment and contributions*

The following opportunities are available during the Scoping Phase for contribution from the I&APs:

- Completing and returning the registration/comment sheets on which space was provided for comment.
- Providing comments telephonically or by email to the public participation office.
- Attending stakeholder meetings that has been widely advertised (see table below) and raise comments there.

Issues relevant to the current project configuration have been considered and will be carried forward into the Impact Assessment phase.

Table 5-3: A Stakeholder meeting has been advertised and will be held as part of the public review period of the Draft Scoping Report

DATE	TIME	AREA	VENUE AND ADDRESS
27 July 2011	16:00	ERMELO	Indawo Lodge

The minutes of the public meeting will be attached to the Final Scoping Report in the form of an Issues and Responses Report.

5.3.5 *Issues and Response Report and acknowledgements*

The issues raised in the announcement phase of the project were captured in an Issues and Responses Report (IRR) Version 1 and appended to this DSR (Appendix E). The report will then be updated to include additional I&AP contributions that may be received as the Scoping Phase process proceeds, and as the findings of the EIA become available. The issues and comments raised during the public review period of the Draft Scoping Report will be added to the report as Version 2 of the IRR.

5.3.6 *Draft Scoping Report*

The purpose of the public participation process in the DSR is to enable I&APs to verify that their contributions have been captured, understood and correctly interpreted, and to raise further issues. At the end of the Scoping Phase, the issues identified by the I&APs and by the environmental technical specialists, will be used to define the Terms of Reference for the Specialist Studies that will be conducted during the Impact Assessment Phase of the EIA. A period of four weeks is available for public review of the DSR.

In addition to media advertisements and site notices that announced the opportunity to participate in the EIA, the opportunity for public review was announced as follows:

- In the Background Information Document (May 2011).



- In advertisements published (see Table 5-4 below and Appendix C) to announce the review of the Draft SR and inviting stakeholders to attend a stakeholder meeting.
- In a letter sent out in May 2011, and addressed personally to all individuals and organisations on the stakeholder database.

Table 5-4: A stakeholder meeting was advertised and was held as part of the public review period of the Draft Scoping Report

NEWSPAPER	DATE
Ekasi News	15 July 2011
Highvelder	21 July 2011
Highveld Tribune	19 July 2011
Beeld	14 July 2011
Citizen	14 July 2011

The Draft SR, including the Issues and Response Report Version 1, is being distributed for comment as follows:

- Left in public venues within the vicinity of the project area (these are listed in Table 5-5 below);
- Published on the Eskom and Zitholele websites;
- Mailed to stakeholders;
- Mailed to I&APs who requested the report; and
- Copies have been made available at the stakeholder meeting.

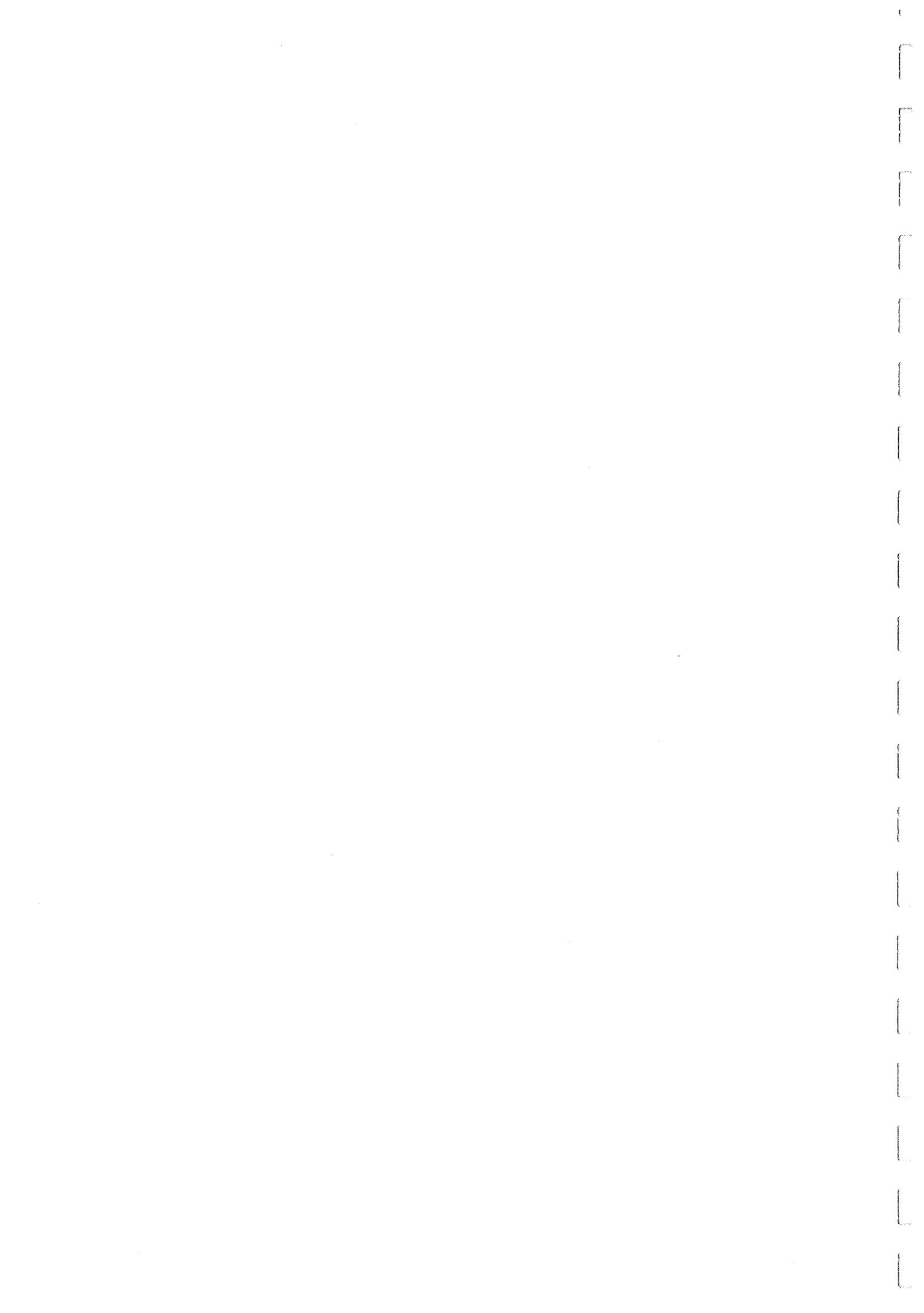
I&APs could comment on the report in various ways, such as completing the comment sheet accompanying the report, and submitting individual comments in writing or by email.

Table 5-5: List of public places where the Draft Scoping Report was available

PLACE	CONTACT PERSON	TELEPHONE	ADDRESS
Ermelo Public Library	Mr Stanley Dondolo	(017) 801-3621	Cnr Church and Taute Street, Civic Centre, ERMELO
Visitor Centre, Camden Power Station	Ms Thandiwe Mzoy	017 827 8000	Camden Power Station

5.3.7 *Final Scoping Report*

The Final Scoping Report will be updated with additional issues raised by I&APs and may contain new information. The FSR will be distributed to the Authorities (DEA) and key I&APs, and to those individuals who specifically request a copy. I&APs will be notified of the availability of the report for their review.

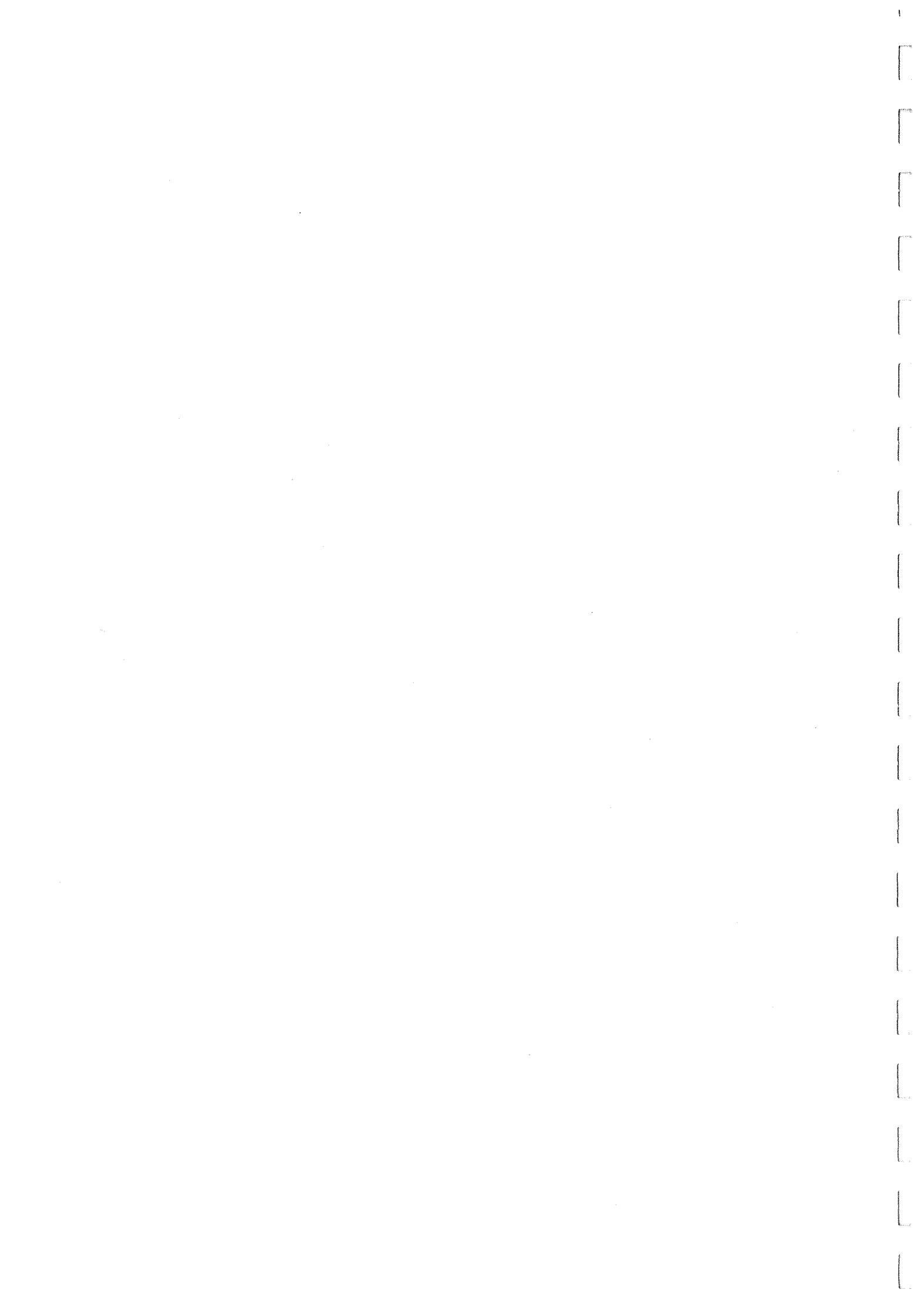


In the Impact Assessment Phase of the EIA, Specialist Studies will be conducted to assess the potential positive and negative impacts of the proposed project, and to recommend appropriate measures to enhance positive impacts and avoid or reduce negative ones. I&APs will be kept informed of progress with these studies.

5.3.8 *Public participation during the Impact Assessment*

Public participation during the Impact Assessment Phase of the EIA will mainly involve a review of the findings of the EIA, presented in a Draft Environmental Impact Report (EIR), the Draft Environmental Management Program (EMProg) and the volumes of Specialist Studies.

I&APs will be advised in good time of the availability of these reports, how to access them, and the dates and venues of public and other meetings where the contents of the reports will be presented for comment.



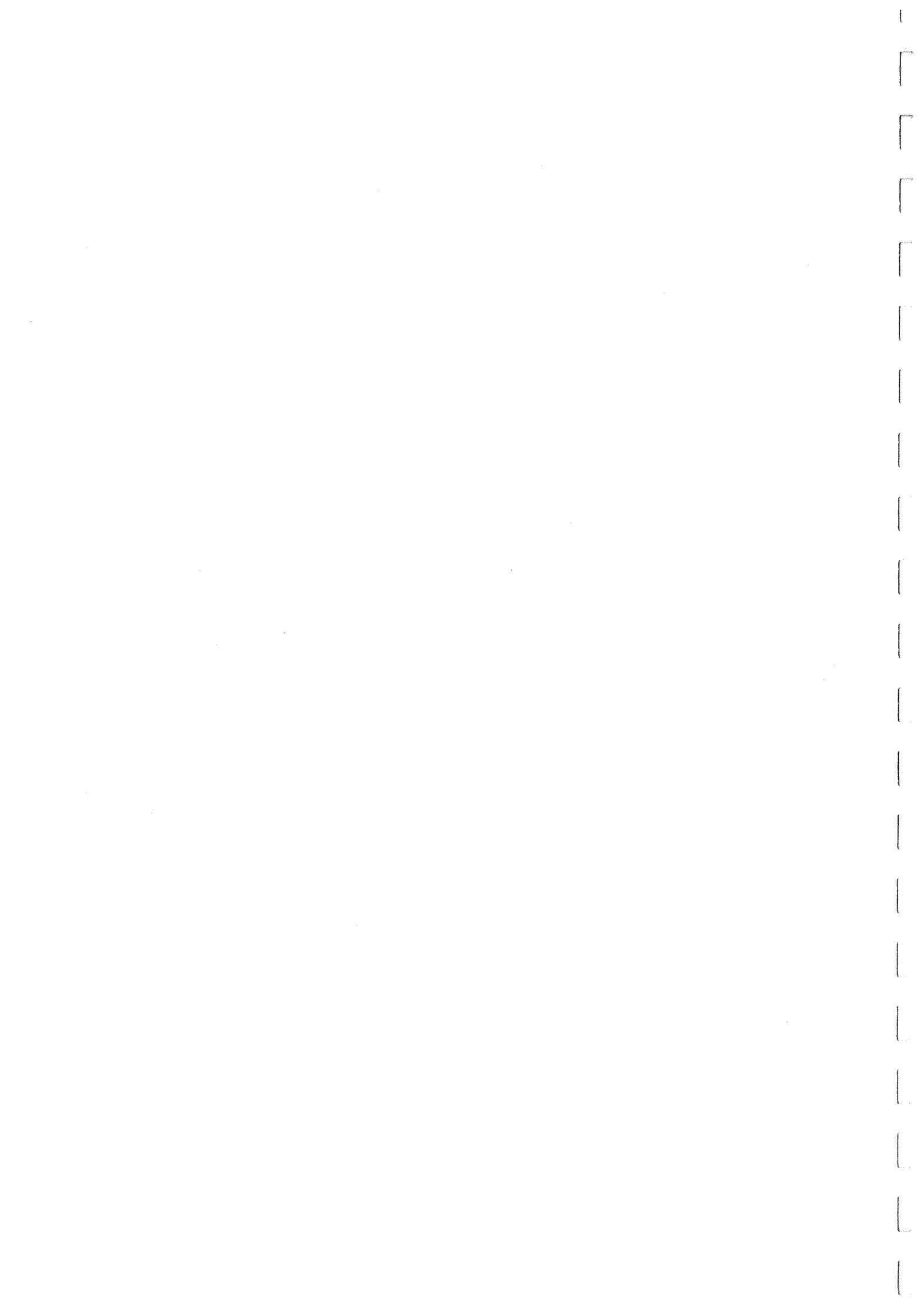
6 ISSUES IDENTIFIED FOR IMPACT ASSESSMENT

The proposed Camden ash disposal facility is anticipated to impact on a range of biophysical and socio-economic aspects of the environment. The main purpose of the EIA process is to evaluate the significance of these potential impacts and to determine how they can be minimized or mitigated.

It should be noted that a comprehensive Environmental Management Programme (EMP) will be developed and implemented to regulate and minimize the impacts during the construction and operational phases. Furthermore an Operational Management Plan/Manual (OMP) will be compiled to manage the operations of the ash disposal facility. The potential environmental impacts identified during the Scoping Phase, which will be investigated further in the EIA phase of the project are summarised in Table 6-1 below.

Table 6-1: Potential Environmental Impacts to be investigated in the EIA Phase.

Environmental Impact	Potential Impact
Climate and Air Quality	Mobilisation of dust from construction vehicles. Wind-blown ash dust to adjacent properties during operation.
Geology	Subsidence from weight of ash facility
Topography	Visual impact from visibility of the facility Change in topographic landscape
Surface and Ground Water	Altering of drainage patterns Potential pollution (hydrocarbons, dust, ash, leachate) of water resources from construction and operations Depending on the hazardous rating of the ash – pollutants could have a human/animal health impact if groundwater is contaminated The change to a proper designed facility can reduce the existing impact on water resources from the unlined existing site.
Land Use	The change in land use could negatively affect property value
Biodiversity (Terrestrial and Aquatic Fauna and Flora)	Loss of habitat / vegetative cover Displacement of species Propagation of alien invasive species Health implications due to pollution/ash deposition Impact on sensitive species/habitats
Soils and Land Capability	Compaction, pollution, erosion or sterilisation of soil resources Reduction in land capability
Heritage and Paleontological Resources	Destruction of sensitive features/fossils
Infrastructure and traffic	Relocation of existing services (e.g. powerlines) resulting in additional impacts to all the above mentioned environments Interruption of existing services / infrastructure The interruption of traffic flows
Social	Impacts to human health, jobs or perceptions Ensuring the ongoing operation of Camden Power Station prevents the loss of jobs
Economic	Ensuring continual power production from Camden Power Station minimising power cuts and economic losses



7 PLAN OF STUDY FOR EIA

7.1 Technical Process

7.1.1 *Specialist Studies*

Based on the baseline data, the issues raised by stakeholders and the sensitivities identified the following specialist studies will be conducted in the EIA phase:

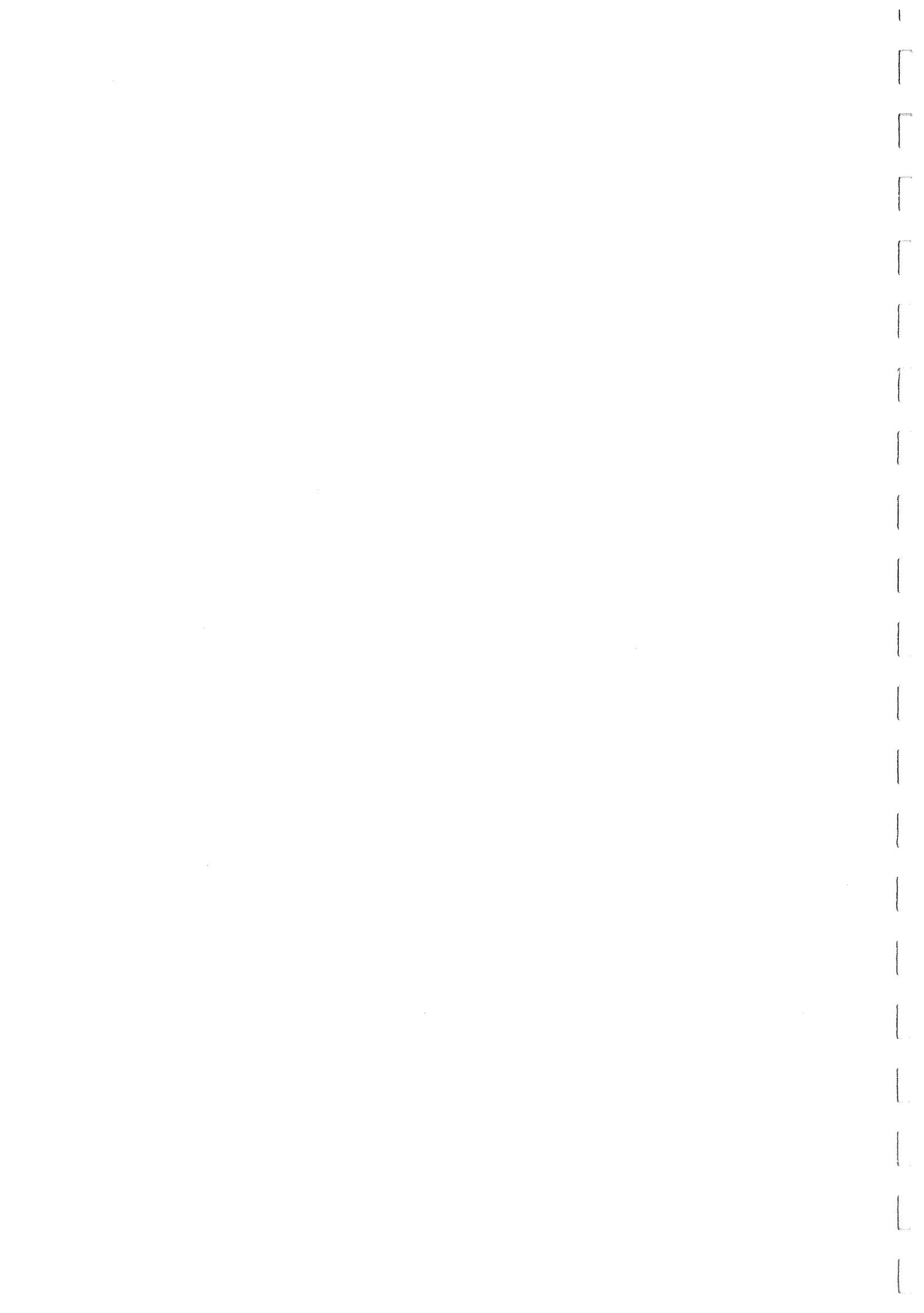
- Ash Classification
- Ash Site Conceptual Design and compilation of an Operational Manual;
- Heritage and Paleontological Assessment;
- Soils and Land Capability Assessment;
- Surface and Groundwater Assessment;
- Wetland Delineation;
- Traffic Impact Opinion;
- Air Quality Assessment;
- Noise Impact Assessment;
- Geotechnical Investigations (Phase 1);
- Topographical Survey;
- Terrestrial Ecology (Fauna and Flora);
- GIS; and
- Visual Assessment.

The findings of these studies will be reflected in the EIA Report. The proposed Terms of Reference (ToR) for each of these specialist investigations is indicated below.

ToR: Ash Classification

The objectives of this study will be:

- Classify the site according to the Minimum Requirements 2nd Ed (DWAF) and the recent draft waste regulations from DEA;
- Determine if the ash from the site is classified as Hazardous or General Waste;



4.6 Faunal Biodiversity

4.6.1 *Data Collection*

A literature review of the faunal species that may occur in the area was conducted using the SANBI SIBIS database. C-Plan data (2007) provided by the Mpumalanga provincial department was used to conduct a desktop study of the area. This data consists of terrestrial components; ratings provide an indication as to the importance of the area with respect to biodiversity.

4.6.2 *Regional Description*

Fauna associated with the natural grasslands in the study area has been forced into decreasing areas of their original habitat due to the grasslands having been largely depleted by cultivation, grazing and some infrastructure development. Even so faunal records from the area (Precis database, June 2011) indicate that there are a potential 32 mammal, 37 amphibians, 540 birds, 116 fish, 96 reptile and 1104 invertebrate species that could occur in the area. The biodiversity rating is available for aquatic and terrestrial biodiversity as shown in Figure 4-6 and Figure 4-7.

4.6.3 *Site Description*

From the figures it can be seen that the aquatic biodiversity at sites 1 and 2 are not rated significant or sensitive. The catchment to the southwest of the watershed is rated as an irreplaceable site that should not be impacted on.

The terrestrial biodiversity information indicates that the areas around site 1, as well as portions of sites 2 and 3 are regarded as important ecological sites. This is due to the fragments of remaining grassland habitat in these areas. The areas at site 2 and 3 that are not rated important are already disturbed due to cultivation in these areas.

4.6.4 *Sensitivities*

From the databases there is no indication of known red data species that occur in the region. This will however be included in the ecological specialist assessment to ensure that no sensitive species are impacted on. The sensitive aquatic systems should also be avoided and a detailed specialist study will be undertaken to identify the potential impact to these habitats.

4.7 Floral Biodiversity

4.7.1 *Methodology and Data Sources*

The floral data below is taken from The Vegetation of South Africa, Lesotho and Swaziland (Mucina and Rutherford 2006)¹.



ToR: Ash Disposal Site Design and Operating Manual

A specialist disposal facilities design engineer has been appointed to complete the conceptual design of the ash disposal site, included in this scope is:

- Site visit of the project area;
- Oversee the Topographical Survey of the site;
- Generate conceptual layout alternative drawings for each of the 3 site alternatives;
- Compile design drawings for the preferred ash disposal alternative for the 20 year life of the site in line with the Minimum Requirements for Waste Disposal and to the requirements of the DWEA;
- Submit drawings to DEA and DWA for review and make any alterations required;
- Include any mitigation measures prescribed by specialist into the design for example storm water drainage; and
- Review and amend current site operating manual to be relevant for the new site.

ToR: Topographic Survey

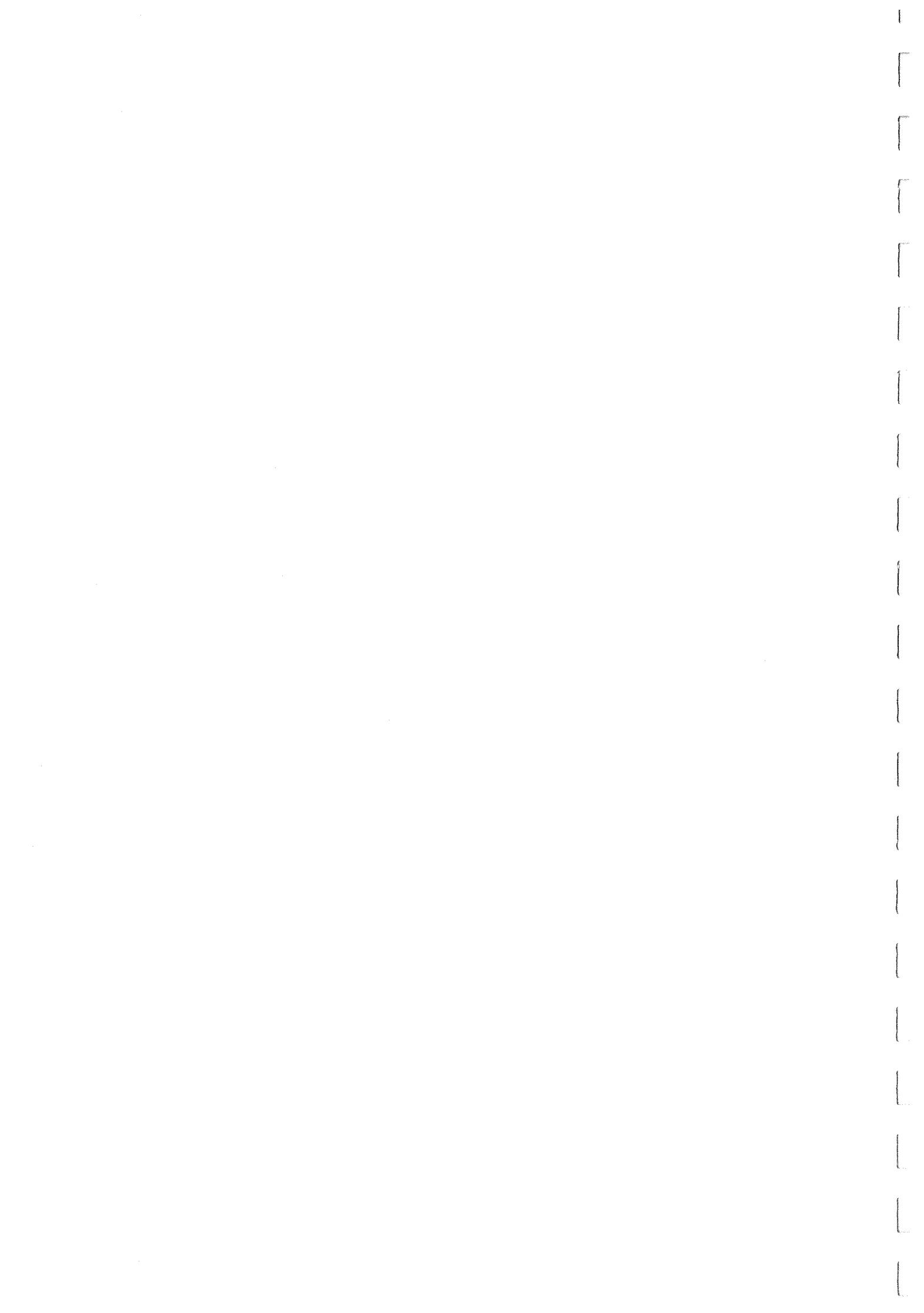
A specialist surveyor will be required to undertake a topographic survey, included in this scope is:

- Survey of the site at 0.5m contours;
- Identify all features and structures on site; and
- Submit the information in an electronic CAD format.

ToR: Heritage and Archaeological

A Heritage Impact Assessment will be conducted to comply with Section 38 of the National heritage Resources Act (No 25 of 1999). Specific objectives of this study will be:

- Desktop study (consulting heritage data banks and appropriate literature);
- Site visit of the project area;
- Determine whether any of the types and ranges of heritage resources as outlined in Section 3 of the Act (No 25 of 1999) do occur in the project area;
- Determine what the nature, the extent and the significance of these remains are;
- Determine whether any heritage resources (including graves) will be affected by the development project;



- If any heritage resources are to be affected by the development project mitigation measures has to be undertaken and management proposals have to be set for heritage resources which may continue to exist unaffected in or near the project area.
- Compile a report which would:
 - Clearly identify possible archaeological, cultural and historical sites within the study area;
 - Identify the potential impacts of construction and operation of the proposed development on such resources, with and without mitigation;
 - Offer an opinion on a preferred site in terms of this specialist field;
 - Provide mitigation measures to ameliorate any negative impacts on areas of heritage significance; and
 - Include a map illustrating the salient aspects of the report

ToR: Soils and Land Capability/Agricultural Potential

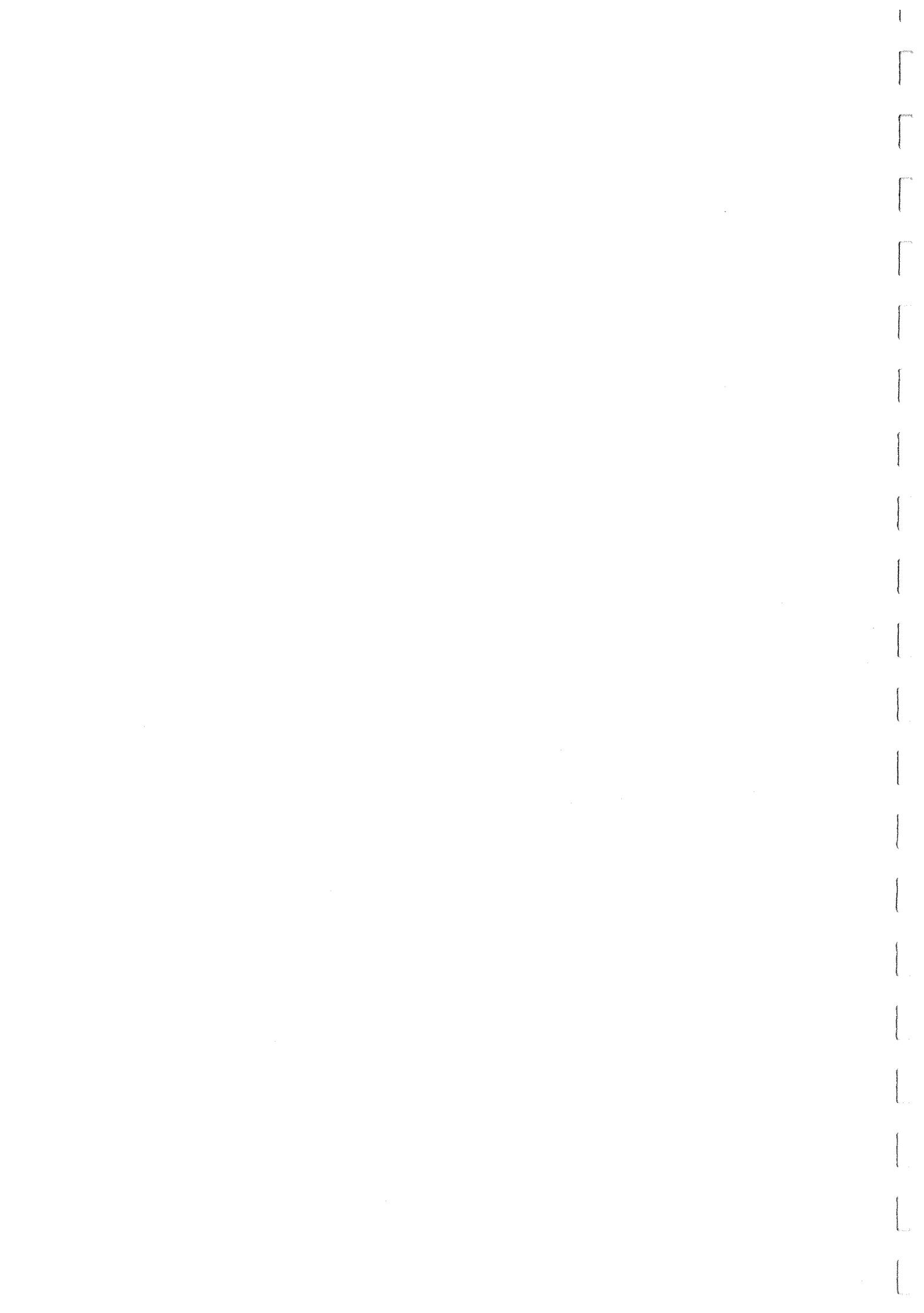
The objectives of this study will be:

- Review existing information available from land type maps, previous reports and GIS information;
- An aerial photographic study to assess the accessibility, vegetation cover, drainage lines, slope aspects and percentage outcrop of each of the three sites;
- A field visit to verify the aerial photographic study observations. Additionally, during the visit, the depth and properties of regolith will be judged from natural exposure (dongas) and hand augering where applicable;
- A map will be compiled of each of the alternative sites, indicating the features observed;
- Assess the potential impacts and their significance on the agricultural potential of each alternative;
- Propose mitigation measures to reduce or mitigate potential impacts;
- Compile a report detailing the findings of the assessment; and
- Recommend a preferred site among the studied sites.

ToR: Wetland delineation

The objectives of this study will be:

- Review existing information available for the area;
- Delineate wetlands according to the practical field guide document from DWA, 2005;



- Assess the status of each of the wetlands identified and assess the potential impacts on the wetlands;
- Compilation of a wetland delineation report that is sufficient to address the requirements of a water and waste license applications, the EIR and management practices including mitigation measures; and
- Recommend preferred site among the studied sites;

ToR: Groundwater

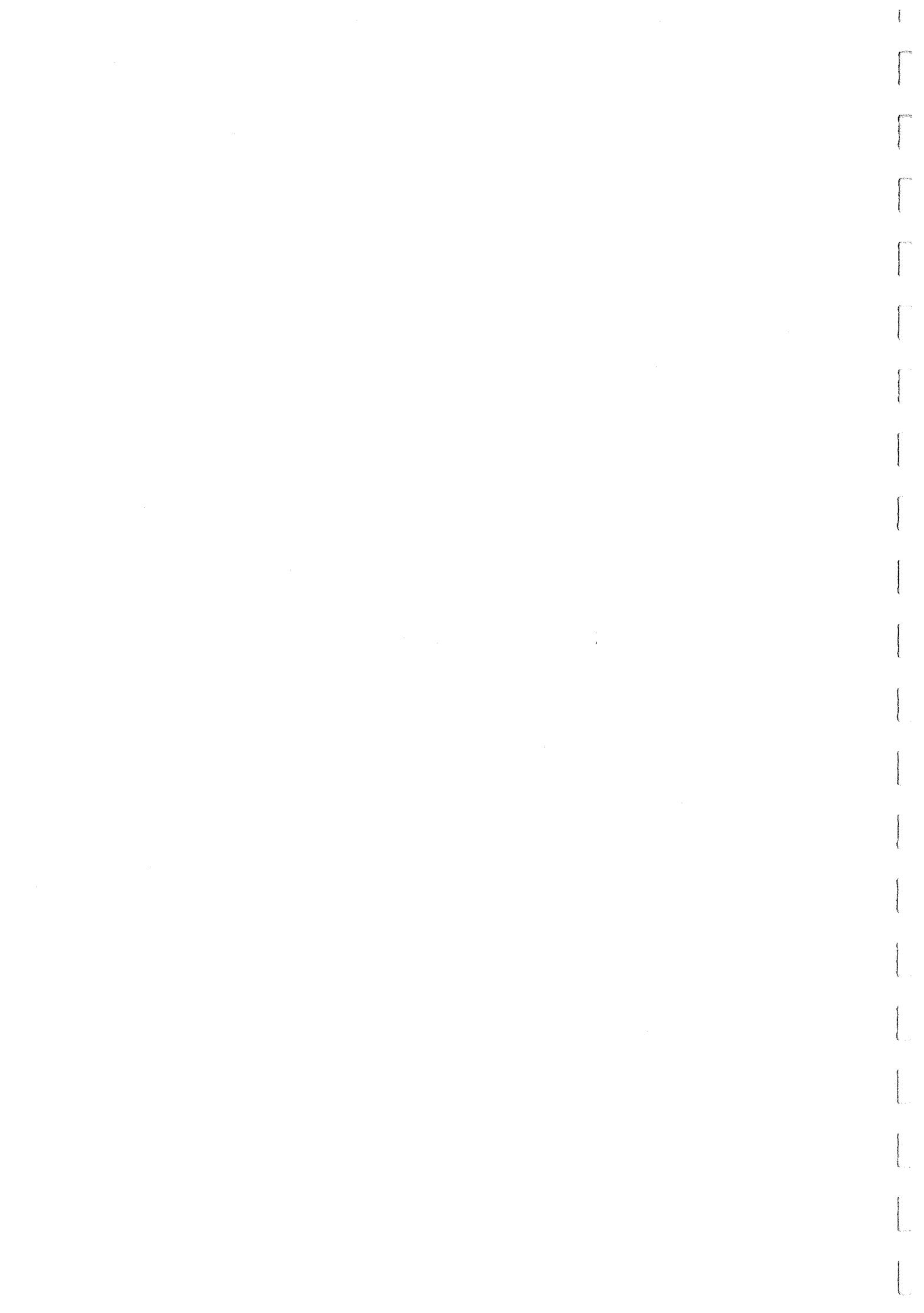
The objectives of this study will be:

- Review of all existing groundwater information available from the power station and formulate a baseline status;
- Compilation of a groundwater impact report that is sufficient to address the requirements of a water and waste license application, the EIR and management practices including:
 - Groundwater flow regimes and the depth of the water table
 - Hydrocensus
 - Aquifer parameters, classification and vulnerability
 - Possible groundwater contamination or flooding
 - Risks of pollution
- Review current groundwater monitoring regime and make recommendations on any amendments required;
- Suggest mitigation measures to prevent any impacts to the groundwater;
- Highlight the current trends in the groundwater regime that could influence the design of the new ash disposal site; and
- Recommend the least sensitive site among the three.

ToR: Traffic Impact Opinion

An opinion will be obtained from a specialist with regards to the impact of the construction and operation of the site on the surrounding traffic movements including:

- Assess the baseline traffic condition prevailing on site;
- Assess the potential impact of the development on the surrounding traffic environment; and
- Compilation of a specialist report highlighting potential impacts, mitigation measures and the preferred alternative.



ToR: Air Quality Assessment

The objectives of this study will be:

- Description of the regional climate and site-specific atmospheric conditions impacting on the dispersion potential of the ash disposal site;
- Overview of the legislation and regulatory context as it pertains to the regulation of atmospheric emissions and air pollutant concentrations;
- Analysis of the baseline air quality, based on any available observational data which may be of relevance to the study site;
- Review types of emissions from ash disposal sites (construction and operational);
- Identification of potentially sensitive receptors in the vicinity of the proposed extension susceptible to air quality impacts (health and odour impacts);
- Provide mitigation measures to prevent and/or mitigate any environmental impacts that may occur due to the proposed project;
- Compile an air quality report in which alternatives are prioritised based on the findings of the study.

ToR: Noise Impact Assessment- Professional Opinion

The objectives of this study will be:

- To assess the impact of the construction and operation of a ash disposal site on the existing ambient noise climate of the area;
- Opinion on the expected response from the community and all other receptors (e.g. livestock) to the noise impact, i.e. the change in ambient noise of the area taking into account sociological factors as well as the noise climate based on the relevant SANS document.
- Measure / monitor the noise from existing operations;
- Provide mitigation measures to prevent and/or mitigate any environmental impacts that may occur due to the proposed project;
- A noise impact opinion report in which alternatives are prioritised based on the findings of the study
- Recommend preferred site among the three sites studied.



ToR: Geotechnical Investigations

The objectives of this study will be:

- Review of existing and available geological and geotechnical information;
- A site visit to verify available aerial photographs and to investigate the depth and properties of regolith by excavations and soil sampling;
- A map will be compiled indicating features observed;
- Identify and assess significance of potential geotechnical constraints to the proposed development;
- Propose mitigation measures that could reduce or eliminate the identified constraints; and
- A short report will be compiled based on the findings of the study.

ToR: Terrestrial Ecology

An ecological investigation will be conducted on the Camden ash disposal site. This will be split into terrestrial, aquatic and avifauna. The objectives of these studies will be:

- Review existing ecological information available;
- Conduct a site visit to determine the general ecological state of the proposed site, determine the occurrence of any red data and/or vulnerable species;
- Provide a ranking assessment of the suitability of the proposed sites;
- Provide mitigation measures to prevent and/or mitigate any environmental impacts that may occur due to the proposed project;
- Compile an ecological report, indicating findings, preferred site recommendations and maps indicating sensitive and/or no-go areas.

ToR: Visual Assessment

The objectives of this study will be:

- Desktop study (consulting existing and appropriate literature);
- Site visit of the project area if required;
- Assess the visual impact of the proposed development by evaluating the visibility from static and dynamic observers, the impacts on the sense of place and the viewshed of the proposed development;
- Provide a ranking assessment of the suitability of the proposed development; and



- Suggest any recommendation / mitigation measures that can be done to decrease the impacts of the proposed development;
- Compile a visual assessment report, indicating preferred site findings, fatal flaws, recommendations and maps indicating sensitive and/or no-go areas.

7.1.2 *Impact Assessment Methodology*

The impacts will be ranked according to the methodology described below. Where possible, mitigation measures will be provided to manage impacts. In order to ensure uniformity, a standard impact assessment methodology was utilised so that a wide range of impacts can be compared with each other. The impact assessment methodology makes provision for the assessment of impacts against the following criteria:

- Significance;
- Spatial scale;
- Temporal scale;
- Probability; and
- Degree of certainty.

A combined quantitative and qualitative methodology was used to describe impacts for each of the aforementioned assessment criteria. A summary of each of the qualitative descriptors along with the equivalent quantitative rating scale for each of the aforementioned criteria is given in Table 7-1.

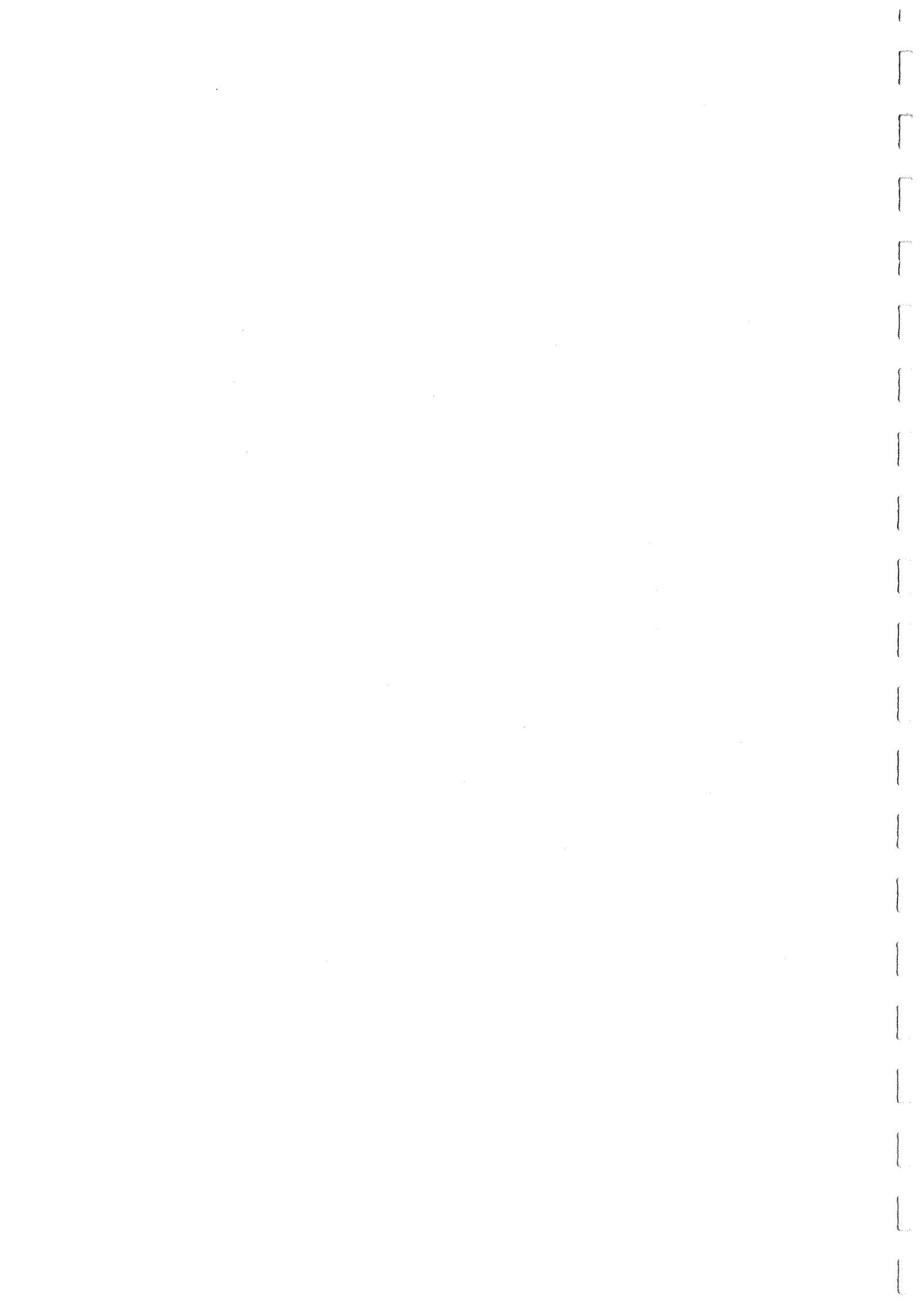
Table 7-1: Quantitative rating and equivalent descriptors for the impact assessment criteria

Rating	Significance	Extent Scale	Temporal Scale
1	VERY LOW	<i>Isolated sites / proposed site</i>	<u>Incidental</u>
2	LOW	<i>Study area</i>	<u>Short-term</u>
3	MODERATE	<i>Local</i>	<u>Medium-term</u>
4	HIGH	<i>Regional / Provincial</i>	<u>Long-term</u>
5	VERY HIGH	<i>Global / National</i>	<u>Permanent</u>

A more detailed description of each of the assessment criteria is given in the following sections.

Significance Assessment

Significance rating (importance) of the associated impacts embraces the notion of extent and magnitude, but does not always clearly define these since their importance in the rating scale is very relative. For example, the magnitude (i.e. the size) of area affected by atmospheric pollution may be extremely large ($1\ 000\ km^2$) but the significance of this effect



is dependent on the concentration or level of pollution. If the concentration is great, the significance of the impact would be HIGH or VERY HIGH, but if it is diluted it would be VERY LOW or LOW. Similarly, if 60 ha of a grassland type are destroyed the impact would be VERY HIGH if only 100 ha of that grassland type were known. The impact would be VERY LOW if the grassland type was common. A more detailed description of the impact significance rating scale is given in Table 7-2 below.

Table 7-2 : Description of the significance rating scale

Rating	Description
5	Very high Of the highest order possible within the bounds of impacts which could occur. In the case of adverse impacts: there is no possible mitigation and/or remedial activity which could offset the impact. In the case of beneficial impacts, there is no real alternative to achieving this benefit.
4	High Impact is of substantial order within the bounds of impacts, which could occur. In the case of adverse impacts: mitigation and/or remedial activity is feasible but difficult, expensive, time-consuming or some combination of these. In the case of beneficial impacts, other means of achieving this benefit are feasible but they are more difficult, expensive, time-consuming or some combination of these.
3	Moderate Impact is real but not substantial in relation to other impacts, which might take effect within the bounds of those which could occur. In the case of adverse impacts: mitigation and/or remedial activity are both feasible and fairly easily possible. In the case of beneficial impacts: other means of achieving this benefit are about equal in time, cost, effort, etc.
2	Low Impact is of a low order and therefore likely to have little real effect. In the case of adverse impacts: mitigation and/or remedial activity is either easily achieved or little will be required, or both. In the case of beneficial impacts, alternative means for achieving this benefit are likely to be easier, cheaper, more effective, less time consuming, or some combination of these.
1	Very low Impact is negligible within the bounds of impacts which could occur. In the case of adverse impacts, almost no mitigation and/or remedial activity are needed, and any minor steps which might be needed are easy, cheap, and simple. In the case of beneficial impacts, alternative means are almost all likely to be better, in one or a number of ways, than this means of achieving the benefit. Three additional categories must also be used where relevant. They are in addition to the category represented on the scale, and if used, will replace the scale.
0	No impact There is no impact at all - not even a very low impact on a party or system.

Spatial Scale

The spatial scale refers to the extent of the impact i.e. will the impact be felt at the local, regional, or global scale. The spatial assessment scale is described in more detail in Table 7-3.

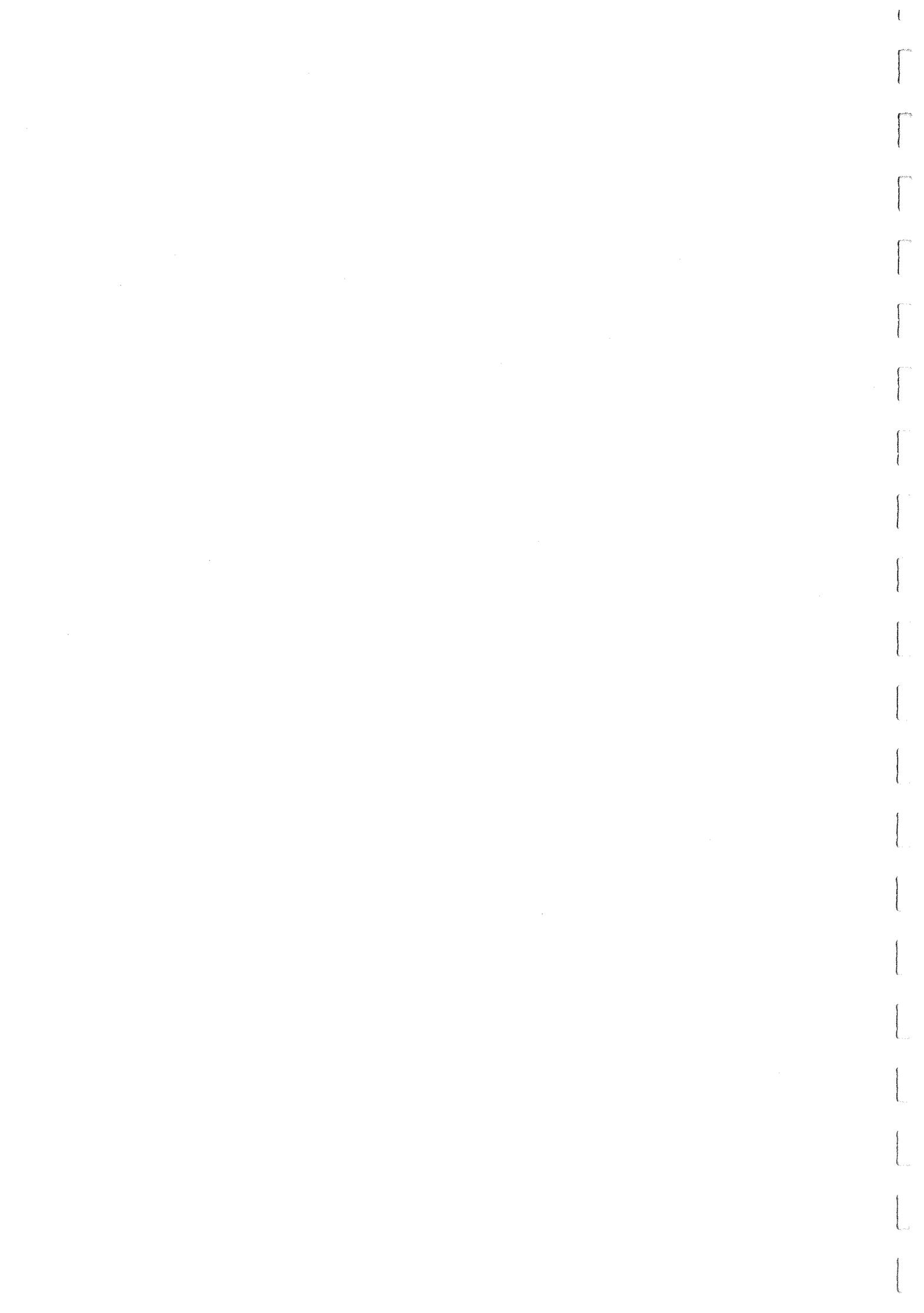


Table 7-3 : Description of the significance rating scale

Rating		Description
5	Global/National	The maximum extent of any impact.
4	Regional/Provincial	The spatial scale is moderate within the bounds of impacts possible, and will be felt at a regional scale (District Municipality to Provincial Level).
3	Local	The impact will affect an area up to 10 km from the proposed site.
2	Study Area	The impact will affect an area not exceeding the Eskom property.
1	Isolated Sites / proposed site	The impact will affect an area no bigger than the ash disposal site.

Duration Scale

In order to accurately describe the impact it is necessary to understand the duration and persistence of an impact in the environment. The temporal scale is rated according to criteria set out in Table 7-4.

Table 7-4: Description of the temporal rating scale

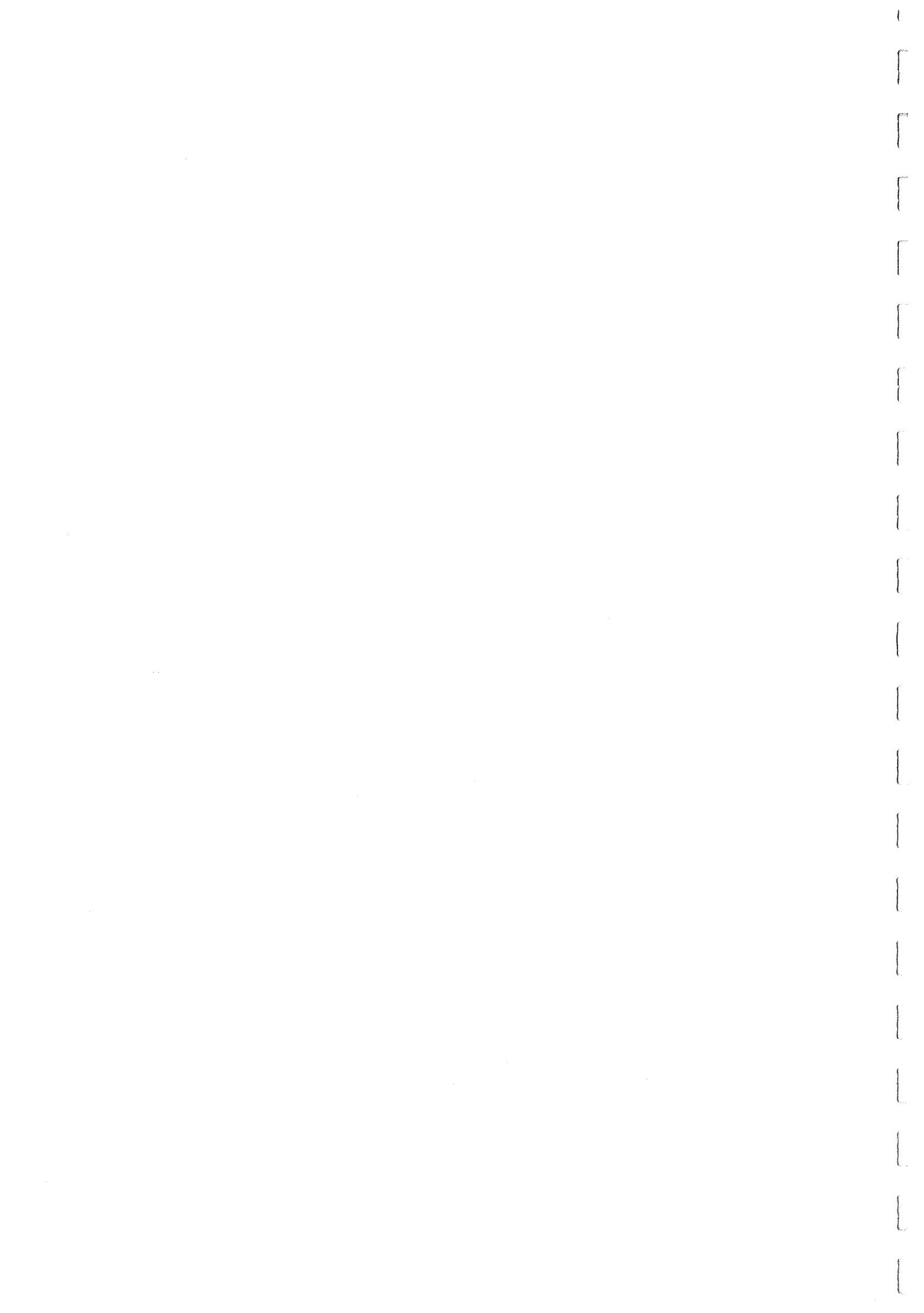
Rating		Description
1	Incidental	The impact will be limited to isolated incidences that are expected to occur very sporadically.
2	Short-term	The environmental impact identified will operate for the duration of the construction phase or a period of less than 5 years, whichever is the greater.
3	Medium term	The environmental impact identified will operate for the duration of life of facility.
4	Long term	The environmental impact identified will operate beyond the life of operation.
5	Permanent	The environmental impact will be permanent.

Degree of Probability

Probability or likelihood of an impact occurring will be described as shown in Table 7-5 below.

Table 7-5 : Description of the degree of probability of an impact occurring

Rating		Description
1		Practically impossible
2		Unlikely
3		Could happen
4		Very Likely
5		It's going to happen / has occurred



Degree of Certainty

As with all studies it is not possible to be 100% certain of all facts, and for this reason a standard "degree of certainty" scale is used as discussed in Table 7-6. The level of detail for specialist studies is determined according to the degree of certainty required for decision-making. The impacts are discussed in terms of affected parties or environmental components.

Table 7-6 : Description of the degree of certainty rating scale

Rating	Description
Definite	More than 90% sure of a particular fact.
Probable	Between 70 and 90% sure of a particular fact, or of the likelihood of that impact occurring.
Possible	Between 40 and 70% sure of a particular fact or of the likelihood of an impact occurring.
Unsure	Less than 40% sure of a particular fact or the likelihood of an impact occurring.
Can't know	The consultant believes an assessment is not possible even with additional research.
Don't know	The consultant cannot, or is unwilling, to make an assessment given available information.

Quantitative Description of Impacts

To allow for impacts to be described in a quantitative manner in addition to the qualitative description given above, a rating scale of between 1 and 5 was used for each of the assessment criteria. Thus the total value of the impact is described as the function of significance, spatial and temporal scale as described below:

Impact Risk = (SIGNIFICANCE + Spatial + Temporal) X Probability

3 5

An example of how this rating scale is applied is shown below:

Table 7-7 : Example of Rating Scale

Impact	Significance	Spatial Scale	Temporal Scale	Probability	Rating
	LOW	<i>Local</i>	Medium-term	<i>Could Happen</i>	
Impact to air	2	3	3	3	1.6

Note: The significance, spatial and temporal scales are added to give a total of 8, that is divided by 3 to give a criteria rating of 2,67. The probability (3) is divided by 5 to give a probability rating of 0,6. The criteria rating of 2,67 is then multiplied by the probability rating (0,6) to give the final rating of 1,6.

The impact risk is classified according to five classes as described in the table below.



Table 7-8 : Impact Risk Classes

Rating	Impact Class	Description
0.1 – 1.0	1	Very Low
1.1 – 2.0	2	Low
2.1 – 3.0	3	Moderate
3.1 – 4.0	4	High
4.1 – 5.0	5	Very High

Therefore with reference to the example used for air quality above, an impact rating of 1.6 will fall in the Impact Class 2, which will be considered to be a low impact.

Cumulative Impacts

It is a requirement that the impact assessments take cognisance of cumulative impacts. In fulfilment of this requirement the impact assessment will take cognisance of any existing impact sustained by the operations, any mitigation measures already in place, any additional impact to environment through continued and proposed future activities, and the residual impact after mitigation measures.

It is important to note that cumulative impacts at the national or provincial level will not be considered in this assessment, as the total quantification of external companies on resources is not possible at the project level due to the lack of information and research documenting the effects of existing activities. Such cumulative impacts that may occur across industry boundaries can also only be effectively addressed at Provincial and National Government levels.

Using the criteria as described above an example of how the cumulative impact assessment will be done is shown below:

Impact	Significance	Spatial Scale	Temporal Scale	Probability	Rating
	2	2	2	1	0.4
	1	2	1	1	0.3
	3	4	2	1	0.6
	2	1	2	1	0.3

As indicated in the example above the Additional Impact Assessment (A-IA) is the amount that the impact assessment for each criterion will increase. Thus if the initial impact will not increase, as shown for temporal scale in the example above the A-IA will be 0, however, where the impact will increase by two orders of magnitude from 2 to 4 as in the spatial scale the A-IA is 2. The Cumulative Impact Assessment (C-IA) is thus the sum of the Initial Impact Assessment (I-IA) and the A-IA for each of the assessment criteria.



In both cases the I-IA and A-IA are assessed without taking into account any form of mitigation measures. As such the C-IA is also a worst case scenario assessment where no mitigation measures have been implemented. Thus a Residual Impact Assessment (R-IA) is also made which takes into account the C-IA with mitigation measures. The latter is the most probable case scenario, and for the purpose of this report is considered to be the final state Impact Assessment.

Notation of Impacts

In order to make the report easier to read the following notation format is used to highlight the various components of the assessment:

- Significance or magnitude- IN CAPITALS
- Temporal Scale – in underline
- Probability – *in italics and underlined*.
- Degree of certainty - **in bold**
- Spatial Extent Scale – *in italics*

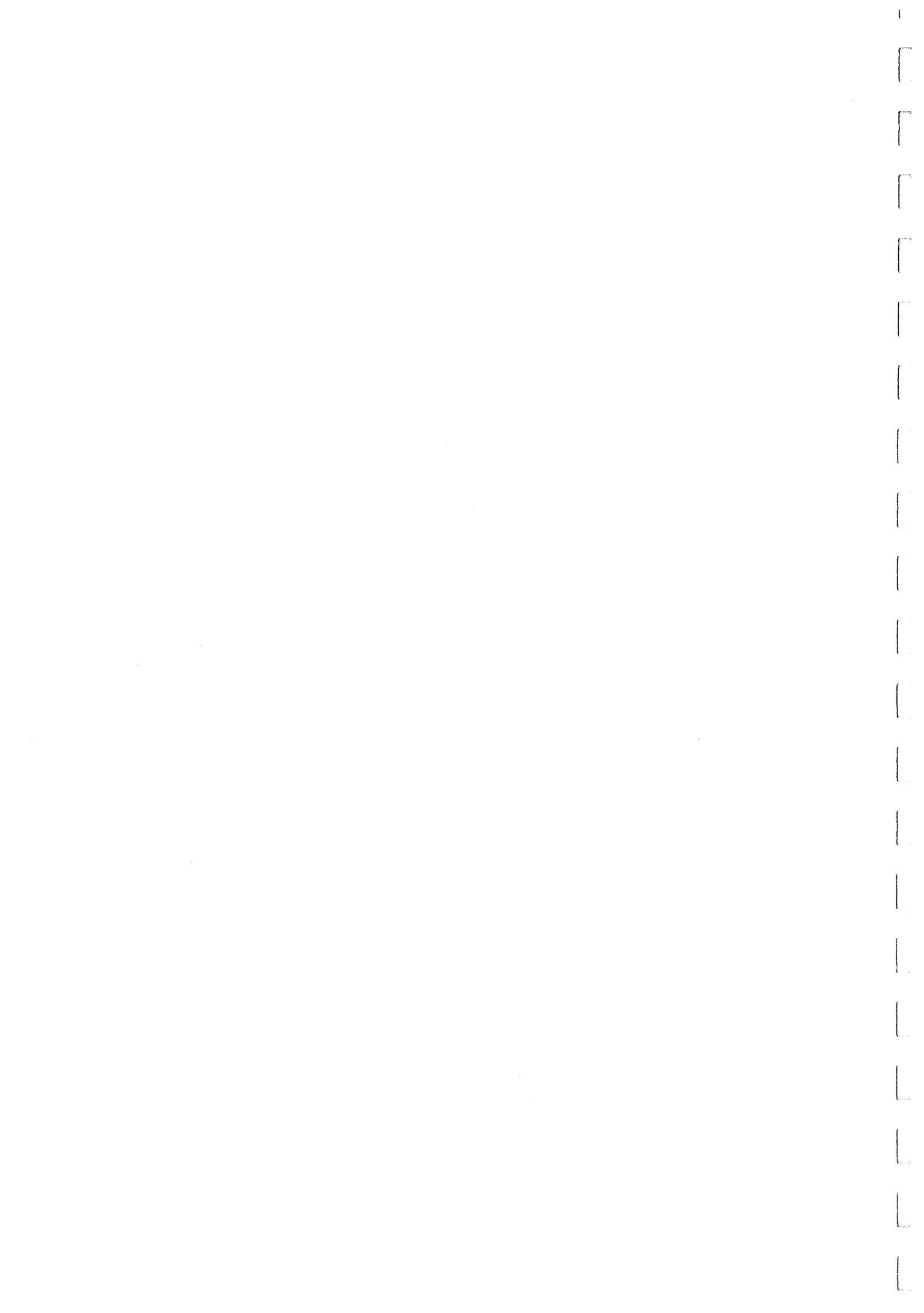
7.1.3 Environmental Impact Report and Environmental Management Programme

Findings and/or recommendations of the specialist studies will be integrated into the Draft Environmental Impact Report (EIR). The EIR and the IRR report will be updated as comments are received from I&APs. The Final Environmental Impact Report (EIR) together with a draft construction and operation Environmental Management Plan (EMProg) will be submitted to DEA for environmental authorisation.

7.2 Public Participation during the EIA phase

After the Scoping Phase, a detailed Impact Assessment will be carried out and the Draft EIR will be prepared. This report will contain descriptions of the study area to the process under consideration, an assessment of the environmental impacts of these alternatives, determination of the significance of the impacts, mitigation measures proposed to lessen the impacts. There will also be a section addressing the issues raised during scoping and a comparative assessment of the feasible alternatives.

The purpose of the public participation process during the Impact Assessment Phase is to present the findings of the EIA phase and to avail the Draft EIR to the public for comments. I&APs will be afforded an opportunity to verify that their issues have been considered either by the EIA specialist studies, or elsewhere. Also, I&APs will comment on the findings of the Draft EIR, including the measures that have been proposed to enhance positive impacts and reduce or avoid negative ones. Once the review is completed, the authority may decide to request additional information on matters that may not be clear from the report, authorise the



application with certain conditions to be complied with by the applicant or reject the application. An Environmental Authorisation reflecting the decision of the authority as well as any conditions that may apply will be issued to the applicant.

I&APs will be advised in good time of the availability of these reports, how to obtain them, and the dates and venues of public and other meetings where the contents of the reports will be presented for comment.

The public participation process for the EIAs will involve the following proposed steps:

- Announcement of the availability and public review of the Draft EIR;
- Host a public meeting for the stakeholders to review the DEIR;
- Announcement of the availability of the Final EIR;
- Notification of the authorities' decision with regard to Environmental Authorisations

Below information is provided about each step.

7.2.1 Announcing the availability of the Draft EIR, its summary and the EMP

A letter will be circulated to all I&APs, informing them in terms of progress made with the study and that the Draft EIR and EMP are available for comment. The report will be distributed to public places and also presented at a stakeholder meeting. Advertisements will be placed in the same newspapers used in the scoping phase to announce the public review period of the Draft EIR.

7.2.2 Public review of Draft EIR and EMP

The EIA Guidelines specify that stakeholders must have the opportunity to verify that their issues have been captured and assessed before the EIA Report will be approved. The findings of the specialist assessment will be integrated into the Draft EIR. The report will be written in a way accessible to stakeholders in terms of language level and general coherence. The Draft EIR will have a comprehensive project description, motivation and alternatives being considered and also the findings of the assessment and recommended mitigation measures. It will further include the Issues and Responses Report, which will list every issue raised with an indication of where the issue was dealt with in the EIR. The findings of the assessment and recommended mitigation measures will also be incorporated into the EIR.

As part of the process to review the Draft EIR and EMP, one stakeholder workshop with an open house component will be arranged to afford stakeholders the opportunity to obtain first-



hand information from the project team members and also to discuss their issues and concerns. Contributions at this meeting will be considered in the Final EIR.

7.2.3 *Announcing the availability of the Final EIR and EMP*

A letter will be circulated to all I&APs, informing them in terms of progress made with the study and that the Final EIR and EMP are available for comment. The reports will be distributed to the same public places (See section 6 with the venues) as the previous reports for I&APs to review.

7.2.4 *Progress feedback*

After comments from I&APs have been incorporated, all stakeholders on the database will receive a personalised letter to report on the status of the process, to thank those who commented to date and to inform them that the Final EIR and EMP have been submitted to the lead authority for consideration. They will be advised on the next steps in the process.

7.2.5 *Announce authorities' decision on Environmental Authorisation*

Registered I&APs will be notified by individual letters of the results from the authorities. Should it be a requirement from the authorities an advertisement will be placed in the same newspapers which were used during the scoping and impact assessment phases.



8 CONCLUSION AND WAY FORWARD

Eskom appointed Zitholele Consulting to undertake the EIA and waste licence application for the proposed Camden ash disposal facility and associated infrastructure. This Scoping study is being undertaken with the aim of identifying feasible sites; identifying potential aspects of concern (both positive and negative) on the biophysical environment and identifying issues, concerns and queries from I&APs. This Draft Scoping report documents the process followed, the findings and recommendations of the Scoping study, and the proposed Plan of Study for the EIA Phase to follow.

The way forward recommended by this study is as follows:

- Submit the Draft Scoping Report to public review;
- Finalise the Draft Scoping Report with stakeholder comments;
- Submit the Final Scoping Report to the relevant authority for approval;
- Upon approval of the Scoping Report all participating stakeholders are to be notified of the start of the EIA phase;
- Execute the Plan of Study for the EIA phase of the project, including amendment required by conditions recommended by the relevant authority; and
- Commence with engineering design and waste license report.

ZITHOLELE CONSULTING (PTY) LTD

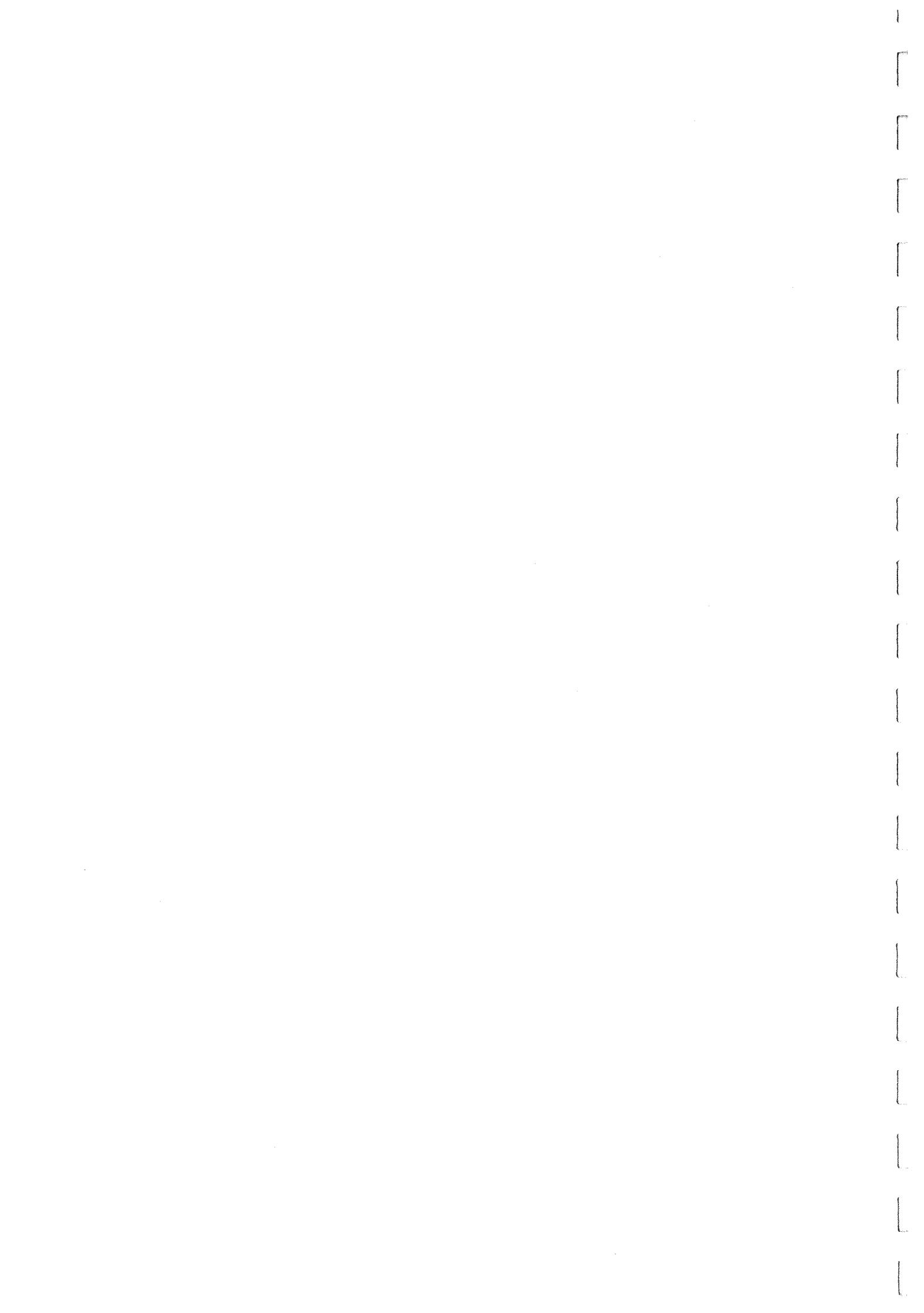
Konrad Kruger

Z:\PROJECTS\12670 - EIA FOR ASH DISPOSAL FACILITIES AT CAMDEN POWER STATION\REPORTS\DSR\12670 - CAMDEN ASH DSR.DOCX

Warren Kok



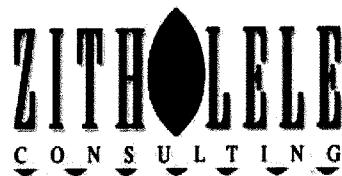
Appendix A: EAP CV





Konrad Krüger

Education	BSc Honours (Geography) University of Pretoria 2003 (cum laude) BSc Environmental Sciences, University of Pretoria 2002	
Courses Attended	<p>March 2007 NEMA EIA Regulations and their application – Centre for Environmental Studies</p> <p>May 2008 National Environmental Management Waste Act Seminar – Cameron Cross</p> <p>April 2010 Tree Identification – Africa Land-Use Training</p> <p>June 2010 Soil Classification and Mapping – Africa Land-Use Training</p>	
Affiliations	International Association of Impact Assessors (South Africa) South African Botanical Society	
Experience	<p>Zitholele Consulting (Pty) Ltd Midrand, South Africa Environmental Scientist Responsible for marketing, client management, project management and resource coordination for Environmental Impact Assessments, Scientific Services and Environmental Management Plans as well as other related environmental services. In addition, participation in building capacity and expertise within Zitholele Consulting, ultimately maintaining a quality service in the Public Sector.</p> <p>Phoenix Enviro-Social Consulting Services Roodepoort, South Africa Environmental Consultant Responsible for marketing, client management, project management and resource coordination for Environmental Impact Assessments, Environmental Management Plans, Social Impact Assessments, Public Participation and Facilitation, Environmental Compliance Auditing, Environmental Risk Assessments, Rehabilitation Plans, Rehabilitation Monitoring and Auditing and strategic planning. Furthermore the consultant was also tasked with managing the Scientific Services Unit at Cymbian. This unit was responsible for undertaking Ecological, Soil, Land Capability, Land Use, Visual, GIS, Geology, Topography and Agricultural Assessments.</p> <p>Cymbian Enviro-Social Consulting Services Randburg, South Africa Environmental Consultant Responsible for marketing, client management, project management and resource coordination for Environmental Impact Assessments, Environmental Management Plans, Social Impact Assessments, Public Participation and Facilitation, Environmental Compliance Auditing, Environmental Risk Assessments, Rehabilitation Plans, Rehabilitation Monitoring and Auditing and strategic planning. Furthermore the consultant was also tasked with managing the Scientific Services Unit at Cymbian. This unit was responsible for undertaking Ecological, Soil, Land Capability, Land Use, Visual, GIS, Geology, Topography and Agricultural Assessments.</p> <p>Strategic Environmental Focus Pretoria, South Africa Jnr Environmental Consultant Duties included compilation of Scoping Reports, Environmental Management Plans (EMP), Environmental Management Programme Reports (EMPR) and the undertaking of site assessments.</p>	
June – August 2004		



Konrad Krüger

June 2000
and June
2002

BHP Billiton (then Billiton)

Junior Researcher

Assisting with the compilation of the annual Health Safety and Environmental Report for the company, conducted research with regards to the implementation of Agenda 21 for the World Summit.

Johannesburg South Africa

Key Skills

Environmental Management and Authorisations:

- EIA and Basic Assessments;
- EMP's and EMPR's;
- SEA's;
- Risk Assessments or Screening Assessments;
- IWMP's;
- IWULA's;
- Waste License Applications;
- APPA and AQA permit/license applications;
- Environmental Auditing (ISO/EMP/RoD); and
- Closure Planning;

Specialist Assessments:

- Soils and Agricultural Potential;
- Wetland Delineation;
- Flora Assessments;
- Terrestrial Ecological Assessment;
- Visual Impact Assessment; and
- GIS (ArcGIS 9)

PROJECT RELATED EXPERIENCE

North West Department of Roads and Traffic

Mafikeng, South Africa

Compilation of an EMPR for two borrow pits to be utilised for road upgrades.

Xstrata Coal South Africa - Kriel

Kriel, South Africa

Environmental auditing of the Dragline relocation project.

Xstrata Coal South Africa - Rietspruit

Kriel, South Africa

Dragline Relocation Scoping Report and associated Soil, Wetland, Vegetation Assessments and GIS mapping.

De Beers Consolidated Mines – Cullinan

Cullinan, South Africa

Compilation of the EMPR update as well as the undertaking of Soil, Vegetation Assessments and GIS mapping for the project.

De Beers Consolidated Mines – Venetia

Cullinan, South Africa

Internal ISO14001 audit for the Venetia Diamond Mine.

South Witbank Colliery

Emalahleni, South Africa

Compilation of the Closure Plan and associated Risk Assessment.

Konrad Krüger

Samancor Manganese, Metalloys - MRSPP

Meyerton, South Africa

Environmental Impact Assessment for the proposed Metal Recovery and Slag Processing Plant at Metalloys. Also undertook the stakeholder engagement, GIS, vegetation and soil specialist assessments for the project.

Samancor Manganese, Metalloys – M6

Meyerton, South Africa

Environmental Impact Assessment for the construction and operation of the M6 Furnace at Metalloys.

Samancor Manganese, Metalloys – M17

Meyerton, South Africa

Basic Environmental Assessment and Air Pollution Prevention Act (APPA) permit application for the proposed M17 Furnace Test Campaign, Metalloys Meyerton.

Samancor Manganese, Metalloys - Salvage

Meyerton, South Africa

Basic Assessment and subsequent environmental training and auditing for the proposed upgrade of the Salvage Yard and the construction of an oil store at Metalloys.

Samancor Manganese, Metalloys - Emission

Meyerton, South Africa

Compilation and research of an emission reduction strategy for the entire Samancor Manganese Metalloys, Meyerton Works.

Samancor Manganese, Metalloys – ECA 20

Meyerton, South Africa

ECA 20 risk assessments for the existing waste handling facilities at Metalloys.

Samancor Manganese, Metalloys - WUL

Meyerton, South Africa

Water Use License Application for the entire Samancor Manganese Metalloys, Meyerton Works.

Samancor Manganese, Metalloys - Audit

Meyerton, South Africa

Environmental auditing for the Fouriespruit Stream Diversion, the Amcor Dam and the old Slag Dumps at Metalloys.

Samancor Manganese – Sinter

Hotazel, South Africa

EIA and Biophysical assessment (Soil, Land Capability, Land use, Fauna, Flora) for the proposed Sinter Plant at the Mamatwan Mine.

Samancor Manganese, Metalloys - APPA

Meyerton, South Africa

Research and compilation of the APPA certificate updates for the Metalloys plant.

Samancor Manganese, Metalloys – Elgen2

Meyerton, South Africa

Vegetation and soil investigation for the proposed Electricity Generation Plant at Metalloys.

Samancor Manganese, Metalloys – Pelletising Plant

Meyerton, South Africa

Annual Environmental Performance Audit for the pelletising plant.

Anglogold Ashanti, Mponeng

Mponeng Mine, South Africa

Clean and Dirty Water separation study.

Exxaro Resources/Samancor Manganese JV

Meyerton, South Africa

EIA for the proposed AlloyStream Manganese Plant.

Lyon and Partners

Meyerton, South Africa

Basic Environmental Assessment for the proposed Slagent substation and connecting 33kV power lines.

Barrick Mining, North Mara

Mara Region, Tanzania

EMP update for the North Mara Gold Mine.



Konrad Krüger

Kruger National Park - SEA

Strategic Environmental Assessment and GIS modelling for the proposed Tented Safari Camps in the Kruger National Park.

Limpopo & Mpumalanga, South Africa

Kruger National Park – Office Park

Environmental auditing for the construction phase of the proposed Phalaborwa Office Park and Gate Upgrade Project in the Kruger National Park.

Phalaborwa, South Africa

Kruger National Park – Olifants

Vegetation and Visual Assessment for the proposed day visitor's facility at the Olifants Camp, Kruger National Park.

Limpopo & Mpumalanga, South Africa

Eskom – Bravo Integration Project

Gauteng and Mpumalanga, South Africa

Conducted the Biophysical Specialist Studies (Ecology, soil, land capability, visual and wetland assessment and associated GIS) for the integration of the Bravo (Kusile) power station into the Eskom grid. Five EIAs for the proposed construction of overhead power lines and associated infrastructure for the Bravo Integration Project.

Eskom – Camden-Mbewu 765kV Project

Mpumalanga and KwaZulu Natal, South Africa

Project Manage all aspects of the EIA and also conducted the Biophysical Specialist Studies (Ecology, soil, land capability, visual and wetland assessment and associated GIS) for the 765 kV overhead power lines and associated infrastructure from Camden (Ermelo) Power Station to Mbewu (Empangeni).

Eskom – Kusile Railway Line

Gauteng and Mpumalanga, South Africa

Conducted the Biophysical Specialist Studies (Ecology, soil, land capability, visual and wetland assessment and associated GIS) for the proposed railway line to the Kusile power station.

Eskom – Tutuka Domestic Waste Site

Mpumalanga, South Africa

Integrated EIA and waste licensing for the proposed Tutuka Power Station general waste disposal site, Standerton.

Eskom – Ingula bridge

KwaZulu Natal, South Africa

Wetland delineation for the proposed Braamhoekspruit Bridge upgrade WUL.

Eskom – Ingula burial ground

KwaZulu Natal, South Africa

Basic Assessment and specialist studies (Wetland Delineation, Agricultural Potential, Terrestrial Ecology and Visual Assessment) for the proposed Ingula burial grounds near Van Reenen.

Eskom – Bapsfontein

Gauteng, South Africa

Biophysical risk assessment (Fauna, Flora, Soils, Wetlands) for the proposed substation alternatives and connecting power lines.

Eskom – Tabor

Limpopo, South Africa

Biophysical risk assessment (Fauna, Flora, Soils, Wetlands and Visual) for the proposed substation and connecting power lines.

Johannesburg City Power

Gauteng, South Africa

Route selection report and associated specialist studies (Soils, Land Use, Fauna, Flora, Wetlands and GIS) for 2 power line route alternatives in Wilgeheuwel.

Konrad Krüger

Johannesburg Road Agency

Wetland delineation, terrestrial ecology and GIS assessment for the proposed storm water system upgrade in Soweto.

Gauteng, South Africa

Billy Cahill

EIA and Exemption Application for a Residential Development in Raslouw, Centurion.

Gauteng, South Africa

Crown Silver Properties

EIA and Exemption Application for a Residential Development in Raslouw, Centurion.

Gauteng, South Africa

Johannesburg City Property Company

Basic Environmental Assessment Application for a Residential Development in Bryanston.

Gauteng, South Africa

Ramasega Agricultural Development Project

Agricultural feasibility study for the Ramasega development project.

Gauteng, South Africa

Teak Place Estate Development

Scoping Report, environmental auditing, WUL, specialist studies and GIS for the proposed Teak Place Estate Development in the Cradle of Humankind.

Cradle of Humankind, South Africa

Pala Meetse Eco Estate

Soil and Wetland delineation for the Pala Meetse Eco Estate, Modimolle.

Limpopo Province, South Africa

Noordheuwel Ext 17 and 19

Soil and Land Capability assessment for a residential development in Noordheuwel, Krugersdorp.

Gauteng, South Africa

SANRAL

Wetland delineation for the N17 borrow pit application, SANRAL.

Mpumalanga, South Africa

Bernard Glazer Trust

Vegetation, Tree Identification, Soil and Fauna survey for Holding 68 and 67 Morningside.

Gauteng, South Africa

Vibro Bricks

Vegetation Assessment for the proposed development on Portion 105, 106 and 331 of the Farm Knoppjeslaagte.

Gauteng, South Africa

Harmony Gold – Welkom

Soil mapping for the proposed Harmony Mega Tailings Facility, Welkom.

Free State, South Africa

Transnet, RBCT

Vegetation and soil assessment for the proposed 3rd bypass line, Richards Bay Coal Terminal.

KwaZulu Natal, South Africa

Viva Construction – Portion 215

Soil assessment for the proposed industrial development of the Farm Nooitgedacht Portion 215.

Gauteng, South Africa

Viva Construction – Portion 8 and 36

Wetland delineation for the proposed development on Farm Nooitgedacht Portions 8 and 32

Gauteng, South Africa

Viva Construction – Mostyn Park

Biophysical site assessment for the proposed development of Portions 16, 17 and 18 of the Mostyn Park Smallholdings.

Gauteng, South Africa



Konrad Krüger

Orlando Stadium

Screening sensitivity analysis for the Orlando Soccer Stadium upgrade

Gauteng, South Africa

Wesplan Town and Regional Planners

Vegetation, wetland, soil and fauna assessment for the proposed lodge development in the Vredefort Dome

North West, South Africa

Randfontein Golf Estate

Wetland delineation for the proposed Randfontein Golf Estate.

Gauteng, South Africa

Zuikerbosch Pumping Station Audit

RoD auditing of the Zuikerbosch Pumping Station embankment stabilisation.

Gauteng, South Africa

**Appendix B: Integrated EIA Application form, EAP Declaration and
DEA acceptance letter**





environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

Reference: 12/12/20/2300

Enquiries: Nyiko Ngoveni

Tel: 012 395 1694 Fax: 012 320 7539 E-mail: nngoveni@environment.gov.za

Mr Konrad Kruger
Zitholele Consulting (Pty) Ltd
PO Box 6002
HALFWAY HOUSE
1685

Fax: 086 674 6121

PER FACSIMILE / MAIL

Dear Mr Kruger

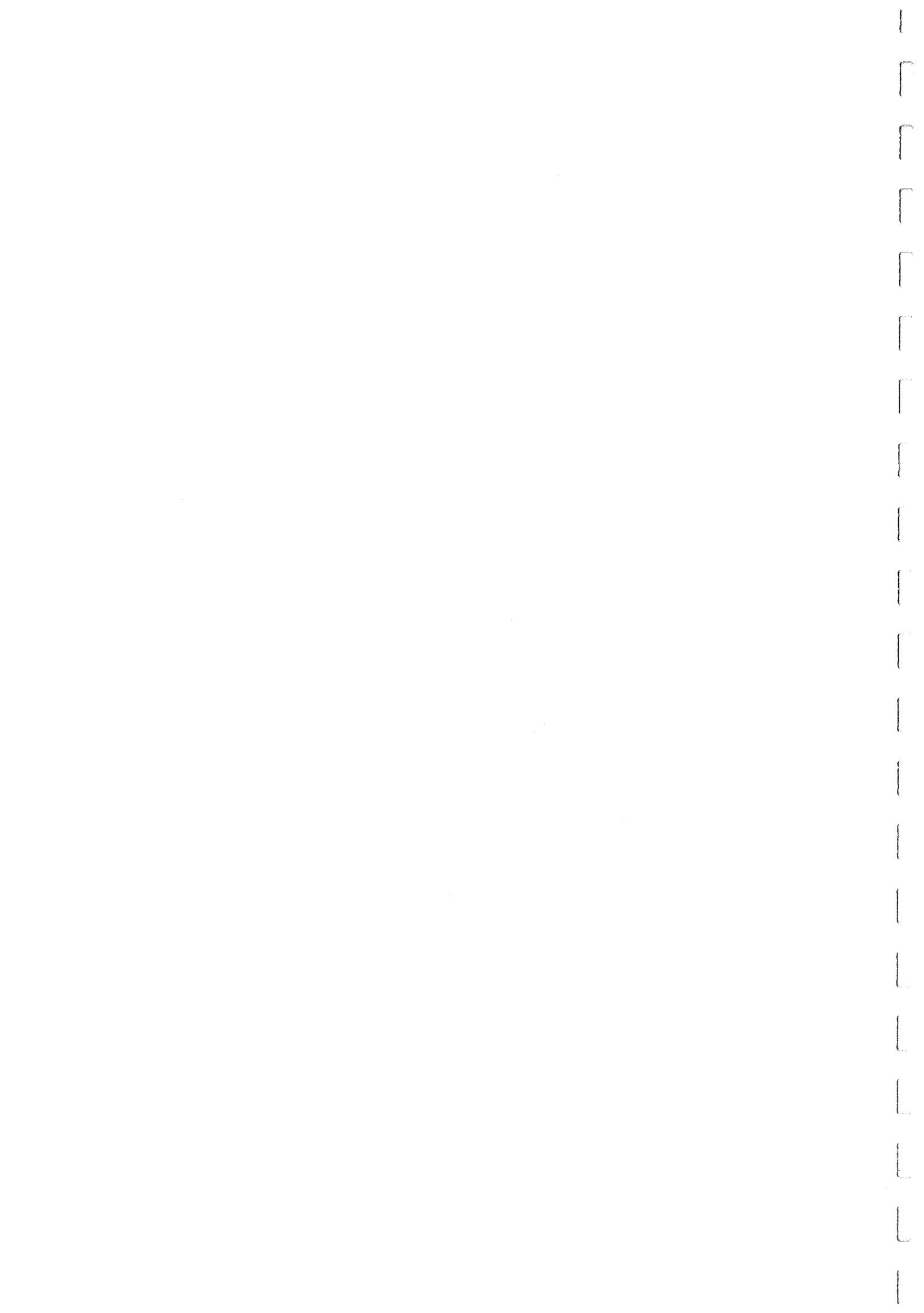
APPLICATION FOR INTEGRATED ENVIRONMENTAL AUTHORISATION AND WASTE MANAGEMENT LICENCE: PROPOSED EXTENSION OF ASH FACILITY FOR CAMDEN POWER STATION, MPUMALANGA PROVINCE

The Department confirms having received the Integrated Application Form for environmental authorisation and waste management licence submitted by you on 19 May 2011 for the abovementioned project. You have submitted this document to comply with the Environmental Impact Assessment Regulations, 2010 and Government Notice 718 of 2009.

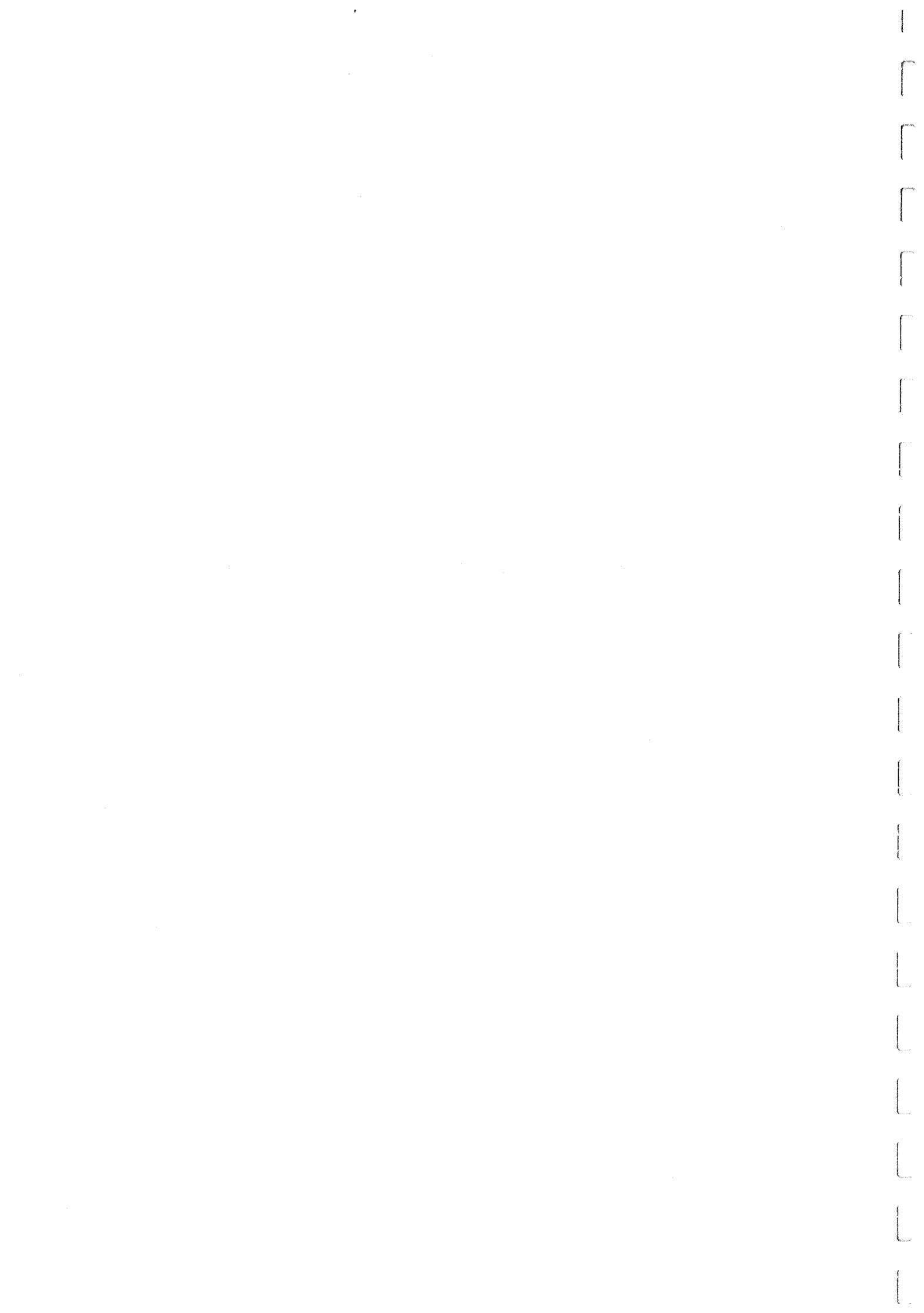
The Department also confirms having received, on 7 June 2011 the original signed EAP Declaration of Interest. The Application is accepted.

Yours sincerely

Mr Dumisane Mthembu
Acting Chief Director: Environmental Impact Management
Department of Environmental Affairs
Letter signed by: Ms Nyiko Ngoveni
Designation: PEO: Environmental Impact Evaluation
Date: 13/06/2011



Appendix C: Newspaper advertisements and site notices



Adverts for the announcement phase were placed in the following newspapers:

PUBLICATION	INSERTION DATE
Ekasi News	20 May 2011
Highvelder	20 May 2011
Citizen	20 May 2011
Beeld	23 May 2011
Highveld Tribune	24 May 2011

**ENVIRONMENTAL IMPACT ASSESSMENT AND
WASTE MANAGEMENT LICENSE APPLICATION**

**Proposed extension of ash disposal
facilities at Camden Power Station**

Notice is hereby given, in terms of the National Environmental Management Act, (Act No 107 of 1998) and the new Regulations (GNR 543 - 546 – Government Gazette No. 33306) which were published on 18 June 2010, of Eskom's intent to carry out the following listed activity that requires environmental authorisation: Proposed extension of ash disposal facilities and associated infrastructure at the Camden Power Station near Ermelo in Mpumalanga.

PUBLIC COMMENT ENCOURAGED

**You are requested to register as an Interested
and/or Affected Party (I&AP) and are invited to
participate by providing comments and raising any
issues of concern that they may have.**

To register as an I&AP, and to receive a copy of the Background Information Document, please contact:

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002, Halfway House, 1685
Tel: (011) 207 2076/2075
Fax: 086-676-9950
Email: alotte@zitholele.co.za or floencer@zitholele.co.za



**OMGEWINGSIMPAKBEPALING EN
AANSOEK VIR AFVALBESTUURSLISENSIE**

**Voorgestelde uitbreiding van
aswegdoenfasiliteite by die
Camden-kragstasie**

Ingevolge die Wet op Nasionale Omgewingsbestuur, 1998 (Wet No. 107 van 1998), en die nuwe regulasies (GK R.543 – 546, Staatskoerant No. 33306) wat op 18 Junie 2010 gepubliseer is, word kennis hierby gegee van Eskom se voorneme om die volgende gelyste aktiwiteit uit te voer wat omgewingsmagtiging vereis: Voorgestelde uitbreiding van aswegdoenfasiliteite en gepaardgaande infrastruktuur by die Camden-kragstasie naby Ermelo in Mpumalanga.

**PUBLIEK SE KOMMENTAAR
AANGEMOEDIG**

**U word versoek om as 'n Belanghebbende en/of
Geaffekteerde Party (B&GP) te regstreer en u
word genooi om deel te neem deur kommentaar te
lewer en moontlike kwellende kwessies te opper**

Om as 'n B&GP te regstreer, en om 'n eksemplaar van die Agtergrondinligtingsdokument te ontvang, skakel asb met:

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Edms) Bpk
Posbus 6002, Halfway House, 1685
Tel: 011 207 2076/2075
Faks: 086 676 9950
E-pos: alotter@zitholele.co.za of florencer@zitholele.co.za



Eskad News: 20-05-2011

Friday 20 May 2011

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION

Notice is hereby given, in terms of the National Environmental Management Act (Act No 107 of 1998) and the new Regulations (G.N.R. 543 - 546 - Government Gazette No. 33306) which were published on 18 June 2010, of Eskom's intent to carry out the following listed activity that requires environmental authorisation: Proposed extension of ash disposal facilities and associated infrastructure at the Camden Power Station near Ermelo in Mpumalanga.

PUBLIC COMMENT ENCOURAGED

You are requested to register as an Interested and/or Affected Party (I&AP) and are invited to participate by providing comments and raising any issues of concern that they may have.

To register as an I&AP, and to receive a copy of the Background Information Document, please contact:

Anelle Lotter / Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002 - Halfway House - 1685
Tel: (011) 207 2076/ 2075
Fax: 086 676 9950
email: alotter@zitholele.co.za or florence@zitholele.co.za



**ENVIRONMENTAL IMPACT ASSESSMENT
AND WASTE MANAGEMENT LICENSE
APPLICATION**

Notice is hereby given, in terms of the National Environmental Management Act, (Act No. 107 of 1998) and the new Regulations (GMR 543 - 546 - Government Gazette No. 33306) which were published on 18 June 2010, of Eskom's intent to carry out the following listed activity that requires environmental authorisation:
Proposed extension of ash disposal facilities and associated infrastructure at the Camden Power Station near Emeljo In Mpumalanga.

PUBLIC COMMENT ENCOURAGED

You are requested to register as an Interested and/or Affected Party (I&AP) and are invited to participate by providing comments and raising any issues of concern that they may have.

To register as an I&AP, and to receive a copy of the Background Information Document, please contact:

Anelle Lotter / Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002 - Halfway House - 1685
Tel: (011) 207 2076/ 2075
Fax: 086 676 9950
email: alotter@zitholele.co.za or florence@zitholele.co.za

Vrydag, 20 Mei 2011

HOUVELDIE - NULK

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION

Notice is hereby given, in terms of the National Environmental Management Act, (Act No 107 of 1998) and the new Regulations (G NR 543 - 546 - Government Gazette No 33306) which were published on 18 June 2010, of Eskom's intent to carry out the following listed activity that requires environmental authorisation: Proposed extension of ash disposal facilities and associated infrastructure at the Camden Power Station near Ermelo in Mpumalanga.

PUBLIC COMMENT ENCOURAGED

You are requested to register as an Interested and/or Affected Party (I&AP) and are invited to participate by providing comments and raising any issues of concern that they may have.

To register as an I&AP and to receive a copy of the Background Information Document, please contact:

Anelle Lötter / Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002 - Halfway House - 1685
Tel: (011) 207 2076/ 2075
Fax: 086 676 9950
email: alotter@zitholele.co.za or florence@zitholele.co.za

Adverts for the scoping phase were placed in the following newspapers:

PUBLICATION	INSERTION DATE
Beeld	14 July 2011
Citizen	14 July 2011
Ekasi News	15 July 2011
Highveld Tribune	19 July 2011
Highvelder	21 July 2011

OMGEWINGSIMPAKBPALING EN AANSOEK VIR AFVALBESTUURSLISENSIE

Ingevolge die Wet op Nasionale Omgewingsbeleid 1998 (Wet No. 107 van 1998), en die nuwe reguleerdes (G.R. 543 - 546, Staatskoerant No. 33306) wat op 18 Junie 2010 gepubliseer is, word kennis hierby gegee van Eskom se voorneme om die volgende gesigte aktiwiteit uit te voer wat omgewingsmagtiging vervaag. Voorgestelde uitbreiding van bestaande fasilitete en gesamentgaande infrastruktuur by die Camdeboo-kreelslaie naby Ermelo in Mpumalanga.

PUBLIEK SE KOMMENTAAR AANGEMOEDIG

U word versoen om as 'n Belanghebbende en/of gesenkeerde Party (B&GP) te registreer en u word genooi om deel te neem deur kommentaar te lewer en moontlike kwellende kwessies te opper.

Om as 'n B&GP te registreer, en om 'n eksemplaar van die Agtergrondinligtingsskakel te ontvang, skakel daar met:

Anelle Lötter / Florence Rambuda
Zitholela Consulting (Edme) Bpk
Postbus 6002 - Halfway House - 1685
Tel: (011) 207 2078/ 2075
Faks: 086 676 9950
E-pos: alotter@zitholela.co.za of florencer@zitholela.co.za



Beeld, Maandag 23 Mei 2011

ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION

Notice is hereby given, in terms of the National Environmental Management Act (No 107 of 1998), and Government Notice R543 to 546 (June 2010), of Eskom's intent to carry out the following activity that requires environmental authorisation: **Proposed extension of ash disposal facilities and associated infrastructure at the Camden Power Station near Ermelo in Mpumalanga.**

PUBLIC REVIEW OF DRAFT SCOPING REPORT

The Draft Scoping Report of this study will be available for public review from **18 July to 22 August 2011**. The report can be reviewed at the following public places:

CONTACT	LOCATION	TELEPHONE
PRINTED COPIES		
Mr Stanley Dondolo	Ermelo Public Library	017 801 3621
Ms Thandiwe Mzoyi	Camden Power Station	017 827 8000
ELECTRONIC COPIES		
Mr Tobile Bokwe	www.eskom.co.za/eia/ Camden ash disposal facilities	011 800 2303
Mr Andre Joubert	www.zitholele.co.za/ camden-power-station	011 207 2077
Mr Andre Joubert	Available on CD on request via email from Zitholele Consulting	011 207 2077 andrej@zitholele.co.za

You are invited to attend an Open House (16:00 to 17:30) and a public meeting (18:00 to 20:00) at the Indawo Game Reserve on 27 July 2011 to review and discuss the Draft Scoping Report.

FOR A COPY OF THE DRAFT SCOPING REPORT AND/OR TO REGISTER FOR THE MEETING, PLEASE CONTACT:

Anelle Lötter / Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002, HALFWAY HOUSE, 1685
Tel: 011 207 2076/2075
Fax: 086 676 9950
email: alotter@zitholele.co.za or
florencer@zitholele.co.za



This assessment is being conducted on behalf of Eskom

2028ME

OMGEWINGSIMPAKBEPALING EN AANSOEK VIR AFVALBESTUURSLISENSIE

Ingevolge die Wet op Nasionale Omgewingsbestuur, (Wet No.107 van 1998), en die nuwe regulasies (GK R.543 - 546, Staatskoerant No. 33306) wat in Junie 2010 gepubliseer is, word kennis hierby gegee van Eskom se voorneme om die volgende aktiwiteit uit te voer wat omgewingsmagtiging vereis: **Voorgestelde uitbreiding van aswegdoenfasiliteite en gepaardgaande infrastruktuur by die Camden-kragstasie naby Ermelo in Mpumalanga.**

Belanghebbende en Geaffekteerde Partye (B&GP) word genooi om deel te neem deur kommentaar te lewer en kwellende kwessies te opper. Die Konsep-Omvangbepalingsverslag van die OIB sal van 18 Julie tot 22 Augustus 2011 by die volgende plekke beskikbaar wees vir hersiening deur die publiek:

KONTAK	PLAAT	TELEFOON
Gedrukte Kopië		
Mnr Stanley Dondolo	Ermelo Openbare Biblioteek	017 801 3621
Me. Thandiwe Mzoyi	Camden Kragstasie	017 827 8000
Elektroniese Kopië		
Mnr Tobile Bokwe	www.eskom.co.za/eia/ Camden ash disposal facilities	011 800 2303
Mnr Andre Joubert	www.zitholele.co.za/ camden-power-station	011 207 2077
Mnr Andre Joubert	Beskikbaar op CD op versoek van Zitholele Consulting	011 207 2077 andre@zitholele.co.za

U word uitgenooi om 'n Ope Huis (16:00 tot 17:30) en 'n Openbare Vergadering (18:00 tot 20:00) by die Indawo Game Reserve om 27 Julie 2011 by te woon om die Konsep-Omvangbepalingsverslag te hersien en te bespreek.

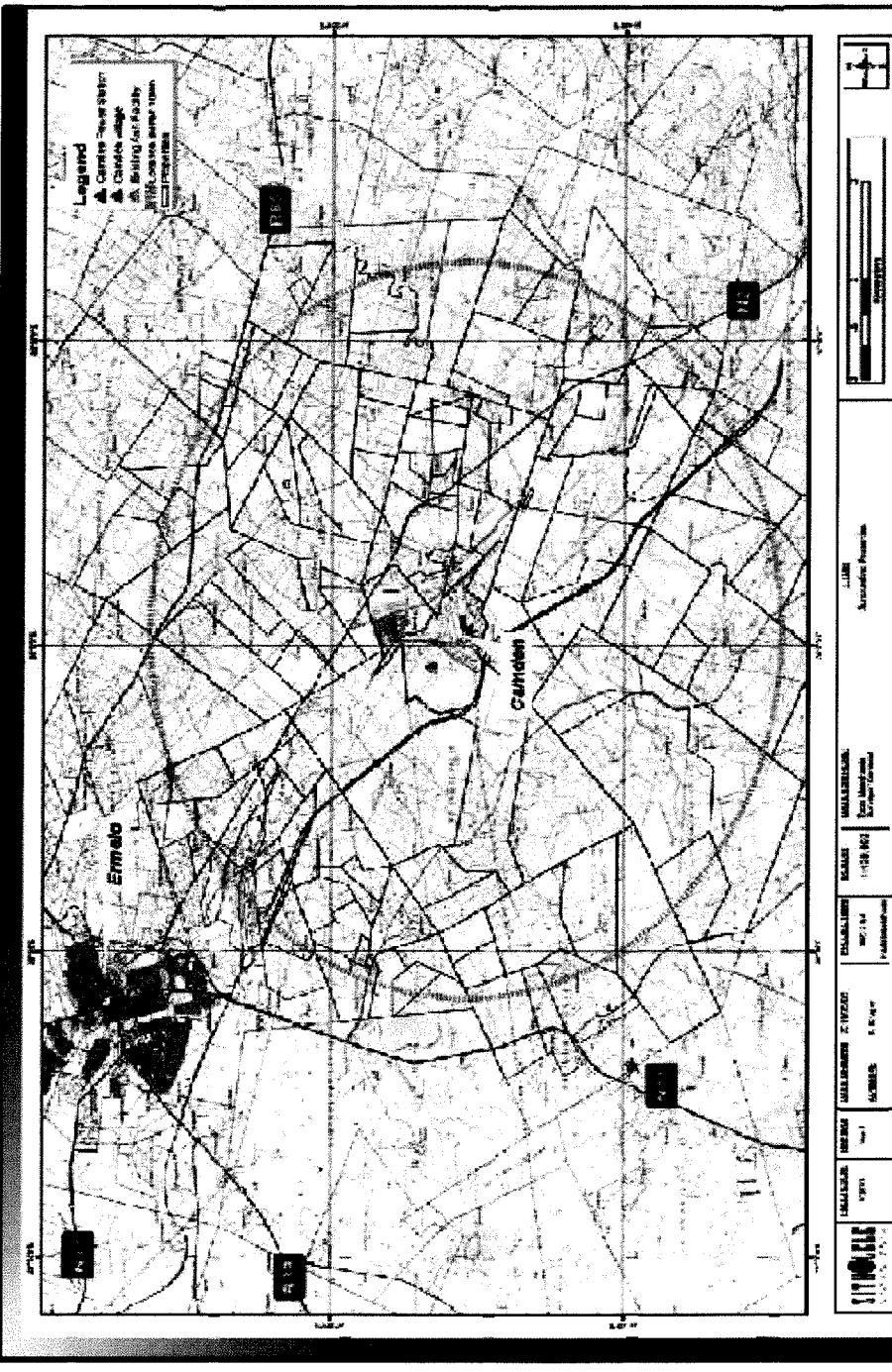
Om as 'n B&GP te registreer, en om 'n eksemplaar van die Agtergrondinligtingsdokument te ontvang, skakel asb met:

Anelle Lötter / Florence Rambuda
Zitholele Consulting (Edms) Bpk
Posbus 6002, HALFWAY HOUSE, 1685
Tel: 011 207 2076/2075
Faks: 086 676 9950
epos: alotter@zitholele.co.za of
florencer@zitholele.co.za



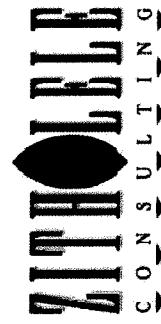
Hierdie studie word namens Eskom uitgevoer

NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENCE APPLICATION FOR A PROPOSED EXTENSION OF ASH DISPOSAL FACILITIES AT CAMDEN POWER STATION



Notice is hereby given, in terms of the National Environmental Management Act, (Act No 107 of 1998) and the new Regulations (GNR 543 - 546 – Government Gazette No. 33306) which were published on 18 June 2010, of Eskom's intent to carry out the following listed activity that requires environmental authorisation: Extension of ash dam and associated infrastructure at Camden Power Station near Ermelo in Mpumalanga.

The purpose of this study is to identify and evaluate issues of concern and potential environmental and social impacts, and propose feasible mitigation measures against such impacts. The objective of the assessment is to investigate the potential environmental and social impacts and issues of the proposed activity in support of an application for environmental authorisation process.



PUBLIC COMMENT ENCOURAGED

Interested and Affected Parties (I&APs) are invited to provide comments and raising any issues of concern they may have

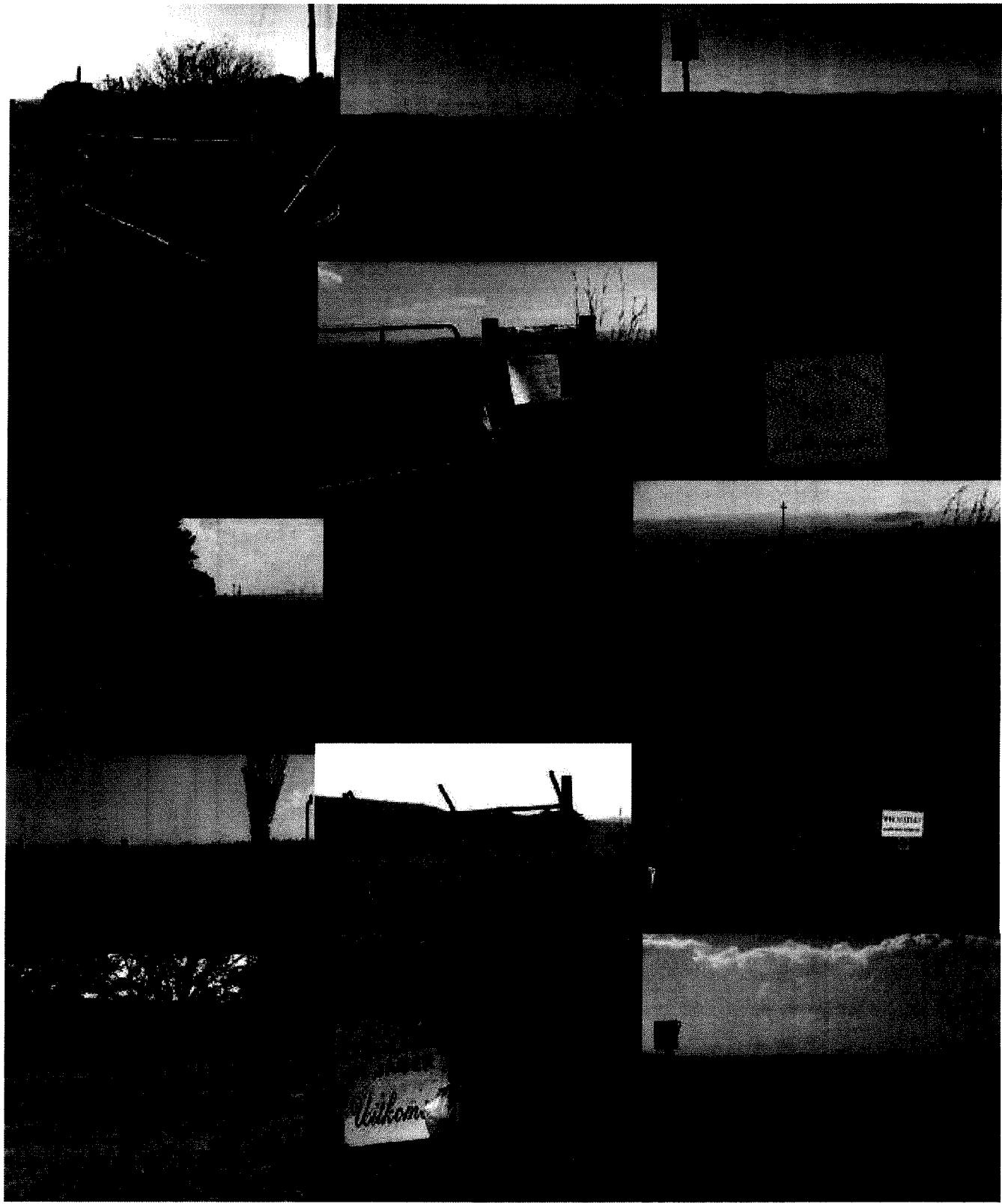
To register as an I&AP, and to receive a copy of the Background Information Document, please contact:

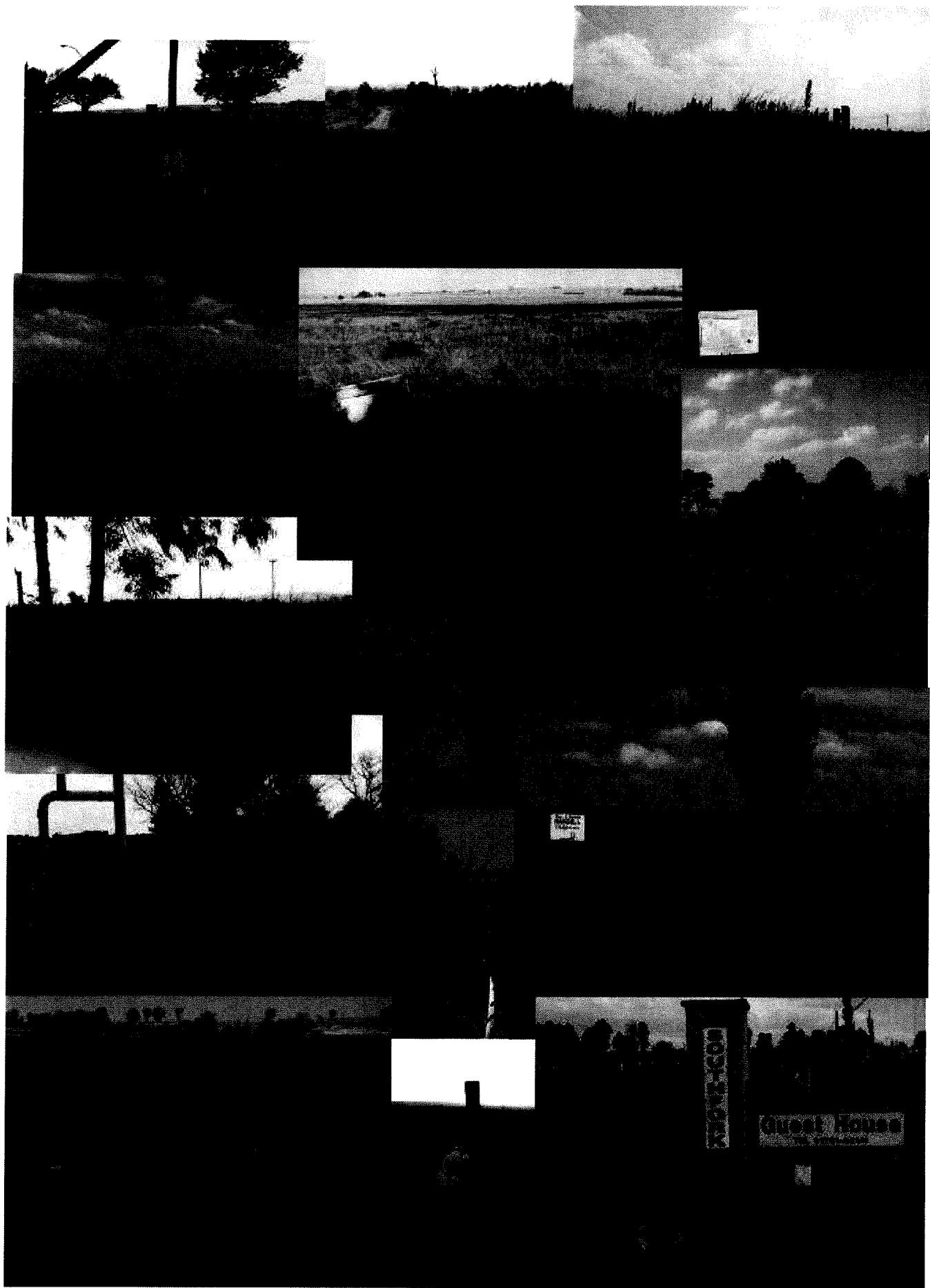
Anelle Lotter/Florence Rambuda of Zithole Consulting (Pty) Ltd, P O Box 6002, Halfway House 1685
Tel: (011) 20762075, Fax: 086-676-9950 or Email: alotter@zithole.co.za or florence@zithole.co.za

This assessment is being conducted on behalf of Eskom

EIA for proposed new ash disposal facilities at the Camden Power Station

Site visit to announce this project – Examples of delivering Background Information Documents





**EIA & Waste Management License Application for the proposed extension of ash disposal facilities at
Camden Power Station**

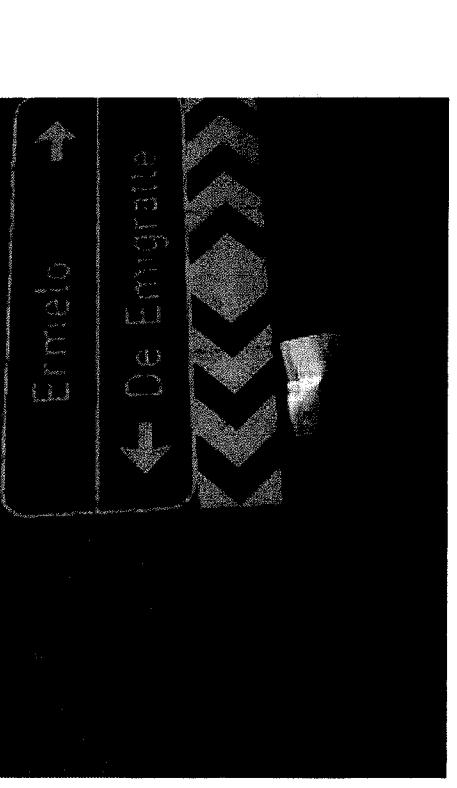
Table 1: Indicates the location of site notices placed

Number	Location	Image
1	Camden Power Station turn-off from the N2.	
2	Roodewal Road between N2 and R65 near Weltevreden	

**EIA & Waste Management License Application for the proposed extension of ash disposal facilities at
Camden Power Station**

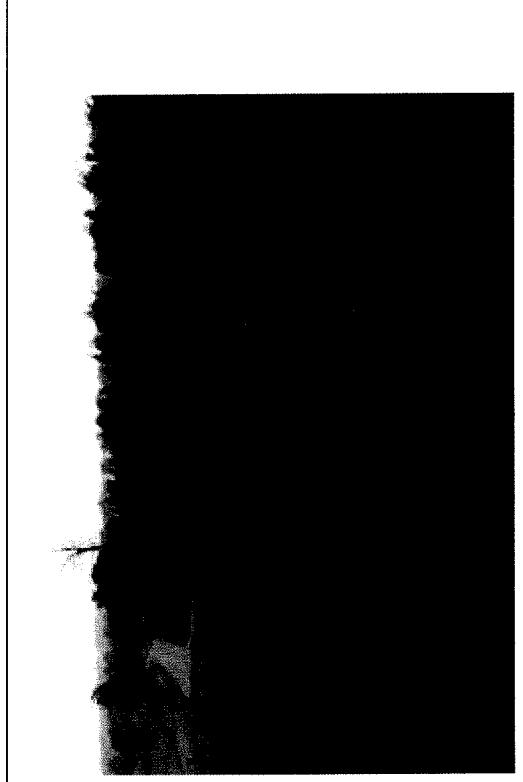
Item	Image
3	N2 and Roodwal turn-off.
4	Near the T-junction of De Emigratte/Ermelo/Overvaal.

**EIA & Waste Management License Application for the proposed extension of ash disposal facilities at
Camden Power Station**

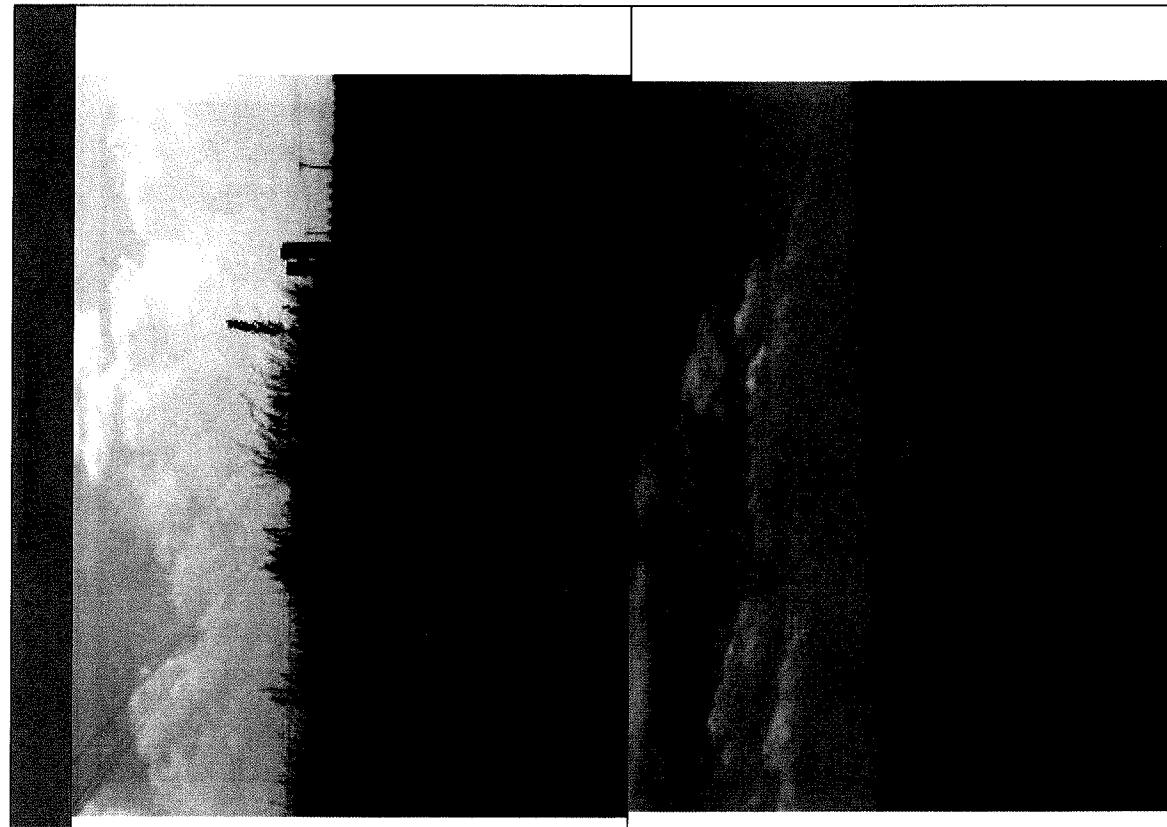
Item	5 At the T-junction of De Emigratte/Ermelo/Overvaal. 	6 De Emigratte/Ermelo road at the Welgelegen turn-off. 
------	--	---

EIA & Waste Management License Application for the proposed extension of ash disposal facilities at

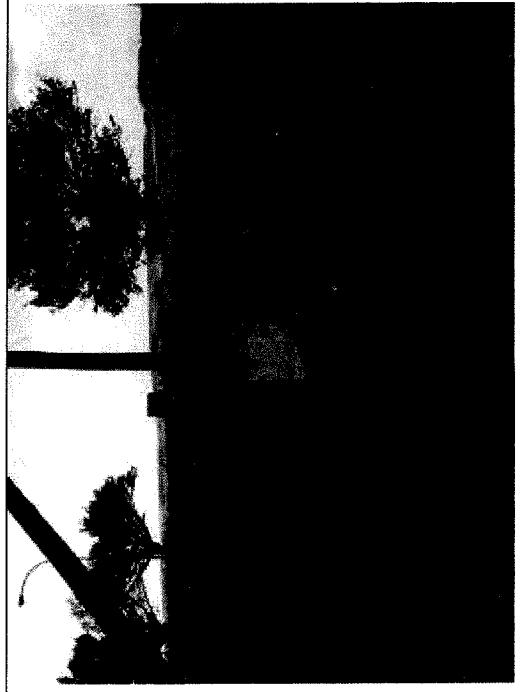
Camden Power Station

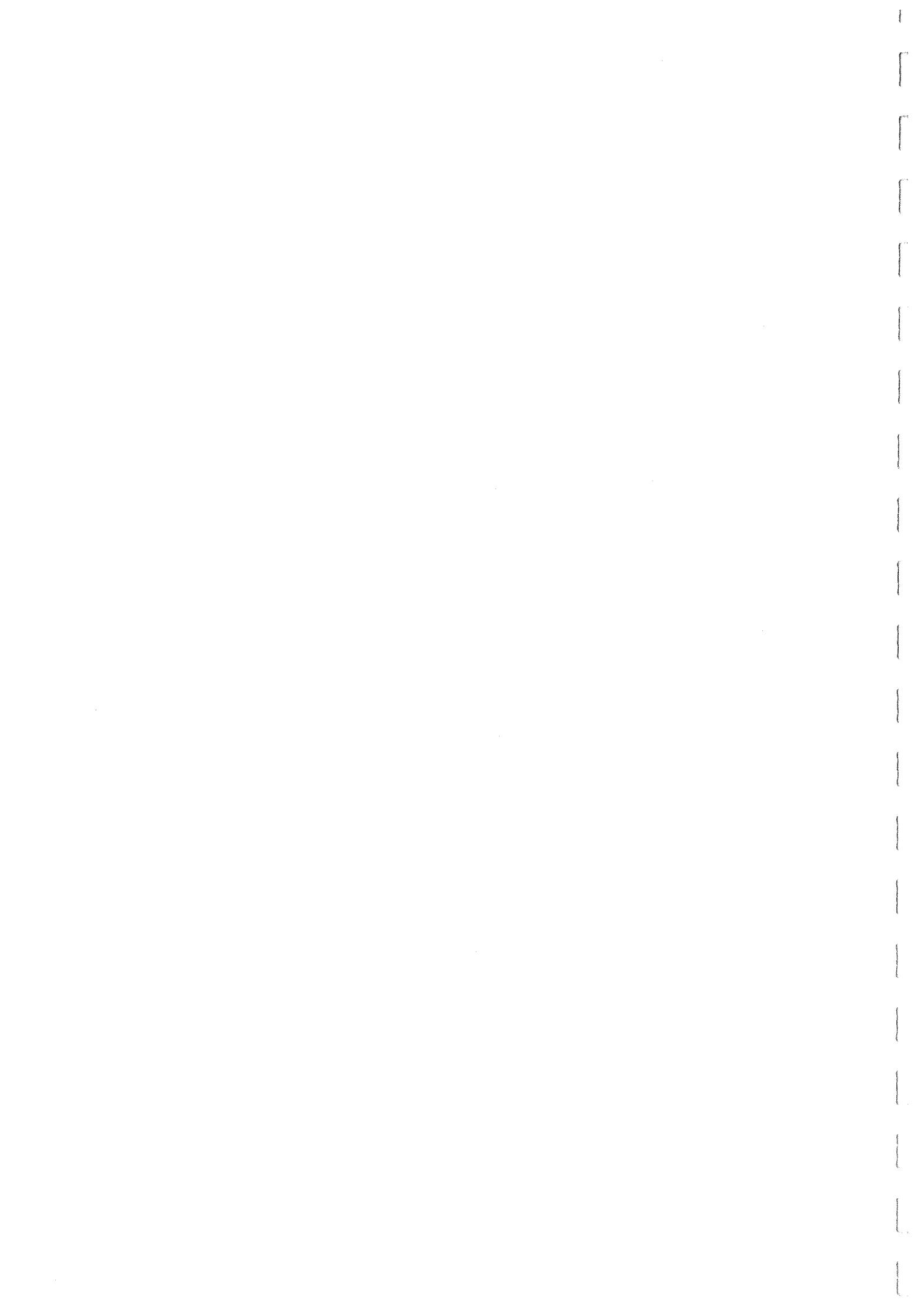
Item	Description	Location
7	N11 turn-off to Rietspruit.	
8	R65 turn-off to Witbank.	

**EIA & Waste Management License Application for the proposed extension of ash disposal facilities at
Camden Power Station**

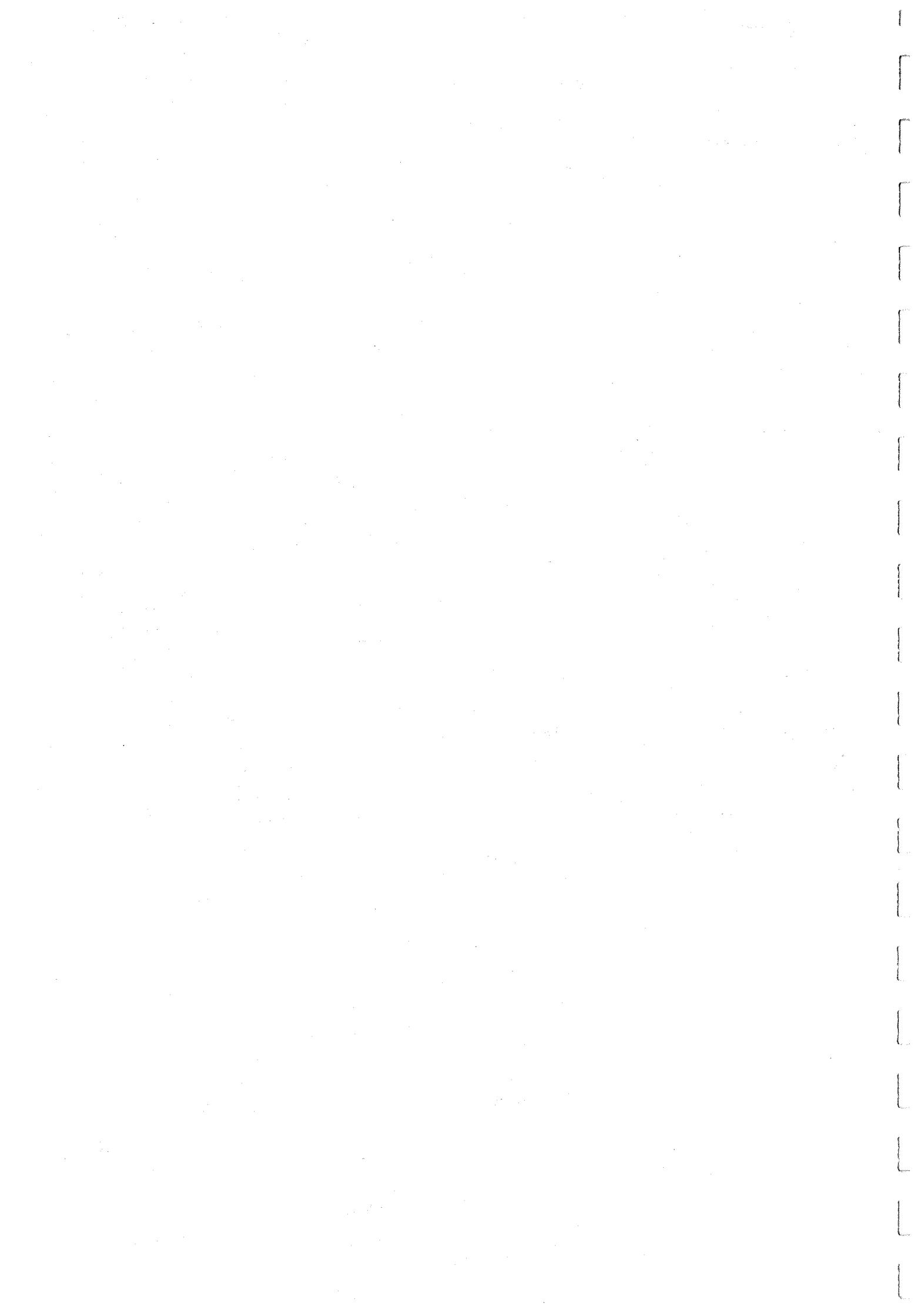
	
9	Another road turning off to Witbank from the R65.
10	R65 turn-off to Jan Hendrickfontein.

**EIA & Waste Management License Application for the proposed extension of ash disposal facilities at
Camden Power Station**

	
11 Turn-off on N2 to Langverwacht.	12 Entrance to Camden village.



Appendix D: I&AP Database



I&AP database for Camden Ash

Last Name	First Name	Company	City
Batchelor	Garth	Department of Economic Development Environment and Tourism	NELSPRUIT
Beetge	Andre	Working for Wetland: SANBI	KRANSPOORT
Bester	Basie	Witpunt Farm	ERMELO
Bokwe	Tobile	Eskom	SUNNINGHILL
Botha	Hannes	Mpumalanga Tourism and Parks Agency	GROBLERSDAL
Brits	Johan	Msukaligwa Local Municipality	ERMELO
Celliers	Johan	(TLU)	ERMELO
Chipu	Sonia	Department of Mineral Resources	WITBANK
Chorisna	Charlotte	Ermelo Public Library (Musukaligwa)	ERMELO
Cilliers	Johan	Weltevreden Portion 13	ERMELO
de Jager	Lood	Andrianople/Vlakfontein Portion 9	ERMELO
Dlamini	Thami	Msukwaligwa Local Municipality	ERMELO
du Plooy	Frik	Witpunt Farm	ERMELO
Du Plooy	Johan	Gert Sibande District Municipality	SECUNDA
Ferreira	Fanie	Witbank Farm	ERMELO
Ferreira	Riaan	Adrianople/Vlakfontein Portion 9/Jan Hendriksfontein Farm	ERMELO
Franke	Ursula	Highveld Crane Conservation Project/Endangered Wildlife Trust	ERMELO
Gamede	Andries	Gert Sibande District Municipality	SECUNDA
Garner	Paul	Wildlife and Environment Society of South Africa (WEssa)	DUNDEE
Grobler	Leon	Smitsfield Farm	ERMELO
Hallett	Sam	Witpunt Portion 19, 20, 32, 40	ERMELO
Heydenreich	Bettie	SA Agric: Mpumalanga	ERMELO
Hoffman	Andre	Mpumalanga Tourism and Parks Agency	GROBLERSDAL
Jonker	Martin	Witpunt Farm	ERMELO
Kemp	Piet	Transvaal Agricultural Union of SA	ERMELO
Klopper	Johannes	Mooiplaats Farm	ERMELO
Kok	Michael	Klipbank Farm	ERMELO
Korb	Louise	Echoridge	SECUNDA
Kusel	Herno	Piet Retief Agricultural Union	ERMELO
Laas	Hennie	Mpumalanga Landbou/Agriculture Union	ERMELO
Liefferink	Mariette	Federation for a Sustainable Environment (FSE)	RIVONIA
Lukey	Peter	Department of Environmental Affairs (DEA)	PRETORIA
Lushaba	Mazwi	Department of Environmental Affairs (DEA)	PRETORIA
Mabuza	David	Mpumalanga Province Office of the Premier	NELSPRUIT
Mabuza	Jabu	Mooiplaats Portion 1, 9/Weltevreden Portion 14	KYALAMI
Macevele	Stanford	Department of Water Affairs (DWA)	NELSPRUIT
Magudulela	Skumbuzo	Msukaligwa Local Municipality	ERMELO
Mahlangu	Lucas	Department of Environmental Affairs (DEA)	PRETORIA
Marx	Karin	Wildlife and Environment Society of South Africa (WEssa)	FERNDALE
Mashala		Witbank Farm	ERMELO
Mautjana	Lerato	Department of Water Affairs (DWA)	BRONKHORSTSspruit
Mentz	Molie	Swartwater Farm	ERMELO
Mills	Hendrik		ERMELO
Mnisi	Prudence	Msukaligwa Local Municipality	SHEEPMOOR
Mohlasedi	Kgopana	Department Public Works, Roads and Transport:	NELSPRUIT
Moiloa	Aggy	Department of Labour Mpumalanga	WITBANK
Mpofu	Wisdom	Gert Sibande District Municipality	ERMELO
Mthembu	Dumisani	Department of Environmental Affairs (DEA)	PRETORIA
Mthimunye	Charity	Department. of Economic Development, Environment and Tourism (DEDET)	WITBANK
Ngcobo	Mbuleleni	Gert Sibande District Municipality	SECUNDA
Olivier	Tommy	Witpunt Farm	ERMELO
Randell	Peter	Vlakfontein/Soetwater/Holbank	ERMELO
Reynecke	Hendrik	Welgelegen Portion 1,2/Klipbank Portion 3	ERMELO
Roodt	Hannes	Joubertsvlei/Meppel Farm	ERMELO
Scheepers	Bernard	Welgelegen Farm	ERMELO
Scholtz	Marius	Highveld Tribune Ermelo	ERMELO
Shabane	Love	Department of Agriculture and Forestry	NELSPRUIT

I&AP database for Camden Ash

<u>Last Name</u>	<u>First Name</u>	<u>Company</u>	<u>City</u>
Sibayi	Dumisani	South African Heritage Resource Agency (SAHRA)	CAPE TOWN
Sithole	Mabutho	Mpumalanga Province Office of the Premier	NELSPRUIT
Smit	Adele	Highveld Tribune Ermelo	ERMELO
Smuts	Willem	Adrianople Farm	ERMELO
Strydom	Leon	Witpunt Farm	ERMELO
Tempelhoff	Elise	Beeld Newspaper	AUCKLAND PARK
Theron	Pierre	Jan Hendriksfontein Farm	ERMELO
Van der		Van der Merwe Broers Trust	ERMELO
van der	Johan	Plaas Buhrmansvallei/Adrianople Portion	ERMELO
van Staden	Jan	Uitkomst Portion 18, 19	ERMELO
van Vuuren	Wilma	Ridge Times/The Echo	SECUNDA
Venter	Kenneth	Moreson Farm	ERMELO
Vilakazi	Bheki	Msukwaligwa Local Municipality	ERMELO
Vos	Johan	Jan Hendriksfontein	ERMELO
Wessels	Gert	Vlakfontein/Holbank/Rooiwal	ERMELO

Appendix E: Issues and Response Report

**Environmental Impact Assessment Environmental Impact and
Waste Management License Application for a proposed
extension of ash disposal facilities and associated infrastructure
at Camden Power Station**

(DEA Ref No 12/12/20/2300)

DRAFT Issues and Responses Report

Version 1

This report (Version 1) captures the issues raised by stakeholders during the Environmental Impact Assessment (EIA) process and Waste Management License Application for the proposed extension of ash disposal facilities and associated infrastructure at Camden Power Station.

As part of the announcement, a Background Information Document (BID), with a comment and registration sheet was posted and distributed by hand during May 2011. Letters of notification were also sent out by registered mail in May 2011 to all landowners within a 10 km radius of the Camden Power Station. An advertisement was placed in various newspapers and site notices were also put up in the area of the proposed development during May 2011.

Version 1 of the Issues and Response Report lists the issues that were received as a result of the activities undertaken as described above.

This report will be updated as the EIA unfolds.

	COMMENTS, QUESTIONS AND ISSUES	COMMENTATOR(S)	SOURCE(S)	RESPONSE(S)
1	Dust suppression must be done. People suffering from asthma live within 5 km of the Camden power station.	Mr Kenneth Venter, Farmer, PO Box 903 Ermelo, 2350	Fax on 19 May 2011	An irrigation system has been considered previously but was not implemented due to the ash dam already being saturated with large amounts of water used for ashing and dust suppression. However, a dust suppression system on the sides of the ash dam is to be installed in the very near future.
2	The ash of the current ash facility blows onto our thatched roof buildings.	Mr Frik du Plooy, Indawo Game Farm, PO Box 2825, Ermelo, 2350	Telephonic comment on 11 May 2011	
3	The power station has a direct influence on my farm and farming activities due to the dust from the ash facility, which is a problem.	Mr Sam Hallatt, Postnet Suite 495, Private Bag X 9013, Ermelo, 2350	Letter on 3 June 2011 in response to the announcement.	
4	Waste water from the existing ash dam flows into the nearby stream.	Mr Sam Hallatt, Postnet Suite 495, Private Bag X 9013, Ermelo, 2350	Letter on 3 June 2011 in response to the announcement.	The reverse osmosis plant have been charged, drawing water from De Jagers Pan, and is now running at full capacity at 3.5ML per 24hr day. Due to the extreme high level of the De Jagers Pan, a gradual slow decrease in the De Jagers Pan level over the next few months will be observed.

12670

REGISTRASIE- EN KOMMENTAARBLAD

**Omgewingsimpakbepaling en Aansoek vir
Afvalbestuurslisensie vir voorgestelde
uitbreiding van aswegdoenfasiliteite by die
Camden-kragstasie**

Ingevoeg in die Agtergrondinligtingsdokument
Mei 2011

**OIB Kantoor vir Openbare
Deelname**

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Edms) Bpk
Posbus 6002, Halfway House, 1685
Tel: 011 207 2076/2075
Faks: 086 676 9950
E-pos: alotter@zitholele.co.za of
florence@zitholele.co.za

Vul asb in en stuur teen 17 Junie 2011 terug aan die OIB Kantoor vir Openbare Deelname (soos hierbo)

TITEL	MNR	VOORNAAM	SAMUEL
VOORLETTERS	S	VAN	HACCAH Hallatt
ORGANISASIE	BEER	E-POS	
POSADRES	POSTNET STREET 495 PISAR X 9013 ELMECO		
TEL NO	0824905806	POSKODE	2350
DATUM	2011/05/31	FAKS NO	

Registreer my asb formeel as 'n belanghebbende en geaffekteerde party (B&GP) sodat ek verdere
inligting en kennigewings tydens die Omgewingsimpakbepelingsproses kan ontvang

JA NEE

Ek wil graag my kennigewings ontvang per

Brief (pos)

E-pos

Faks

Telefoon

Ek wil graag die dokumente vir kommentaar soos volg ontvang

Papierkopiese

Per e-pos

Op CD

Ingevolge die Regulasies (GK R.543 - 546 – Staatskoerant No. 33306 van 18 Junie 2010) (OIB-prosesregulasies)
verklaar ek hieronder enige regstreekse sake-, finansiële, persoonlike of ander belang wat ek by die goedkeuring of weiering
van die aansoek het:

GEEN

KOMMENTAAR (Gebruik asb afsonderlike velle indien nodig)

Enige kommentaar wat u in hierdie stadium wil lewer:

**DIE KRAEKSTASIE HET 'N SKEKTE
INWEEK OP MY AS PERSON EN OP MIG
VREEMD. OSTE OF DIE BESTAANTE ASKAAR IS REELAS
W PROBLEEM OBEGEDECKE CATER
CLOOF TATS VAN DIE ASKAAR AF IN DEDOG
ERSMELT IN**

Versoek asb die volgende van my kollegas/vriende/bure om vir hierdie projek te registréer:

DANKIE VIR U BYDRAE

REGISTRATION AND COMMENT SHEET Environmental Impact Assessment and Waste Management License Application for a proposed extension of ash disposal facilities at Camden Power Station Inserted in the Background Information Document May 2011		EIA Public Participation Office Anelle Lötter/Florence Rambuda Zitholele Consulting (Pty) Ltd P O Box 6002, Halfway House, 1685 Tel: (011) 207 2076/2075 Fax: 086-676-9950 Email: alotter@zitholele.co.za or florence@zitholele.co.za
--	--	---

Please complete by 17 June 2011 and return to the EIA Public Participation Office (as above)

TITLE	Mr	FIRST NAME	JAPFA BONGANI
INITIALS	JB.	SURNAME	MALWINGISA
ORGANISATION	DEPT OF LABOUR	EMAIL	Japafam@labour.gov.za
POSTAL ADDRESS	PRIVATE BAG X7263 WITBANK 1035		
TEL NO	0829071158	POSTAL CODE	1035
DATE	07/06/2011	FAX NO	0865277146

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the Environmental Impact Assessment process

YES NO

Letter (mail)

Email

Fax

Telephone

Paper copies

By email

On CD

I would like my notifications by

LETTER (or mail)

I would like to receive documents for comment as follows

PAPER COPIES

In terms of Regulations GNR 543 - 546 – Government Gazette No. 33306 of 18 June 2010 (EIA process regulations) I disclose below any direct business, financial, personal or other interest that I may have in the approval or refusal of the application:

.....

COMMENTS (please use separate sheets if you wish)

Any comments you may have at this stage:

Currenctly no comment.

.....

Please ask the following of my colleagues/friends/neighbours to register for this project:

.....

THANK YOU FOR YOUR CONTRIBUTION

REGISTRASIE- EN KOMMENTAARBLAD

Omgewingsimpakbepaling en Aansoek vir Afvalbestuurslisensie vir voorgestelde uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie

Ingevoeg in die Agtergrondinligtingsdokument
Mei 2011

OIB Kantoor vir Openbare Deelname

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Edms) Bpk
PO Box 6002, Halfway House, 1685
Tel: 011 207 2076/2075
Faks: 086 676 9950
E-pos: alotter@zitholele.co.za or
florence@zitholele.co.za

Vul asb in en stuur teen 17 Junie 2011 terug aan die OIB Kantoor vir Openbare Deelname (soos hierbo)

TITEL	Mr.	VOORNAAM	Kenneth
VOORLETTERS	KM.	VAN	Venter
ORGANISASIE	Boer	E-POS	Kenneth.Venter@vodacom.co.za
POSAADRES	Bus 903	Ennello	2350
TEL NO	082 880 4074	POSTKODE	2350
DATUM	19/05/2011	FAKS NO	07811 1129
Registreer my asb formeel as 'n belanghebbende en geaffekteerde party (B&GP) sodat ek verdere inligting en kennismewings tydens die Omgewingsimpakbepalingsproses kan ontvang			<input checked="" type="checkbox"/> JA <input type="checkbox"/> NEE
Ek wil graag my kennismewings ontvang per			<input checked="" type="checkbox"/> Brief (pos) <input type="checkbox"/> E-pos <input type="checkbox"/> Faks <input type="checkbox"/> Telefoon
Ek wil graag die dokumente vir kommentaar soos volg ontvang			<input checked="" type="checkbox"/> Papiereksemplare <input type="checkbox"/> Per e-pos <input type="checkbox"/> Op CD
Ingevolge die Regulasies (GK R.543 - 546 – Staatskoerant No. 33306 van 18 Junie 2010) (OIB-prosesregulasies) verklaar ek hieronder enige regstreekse sake-, finansiële, persoonlike of ander belang wat ek by die goedkeuring of weiering van die aansoek het:			

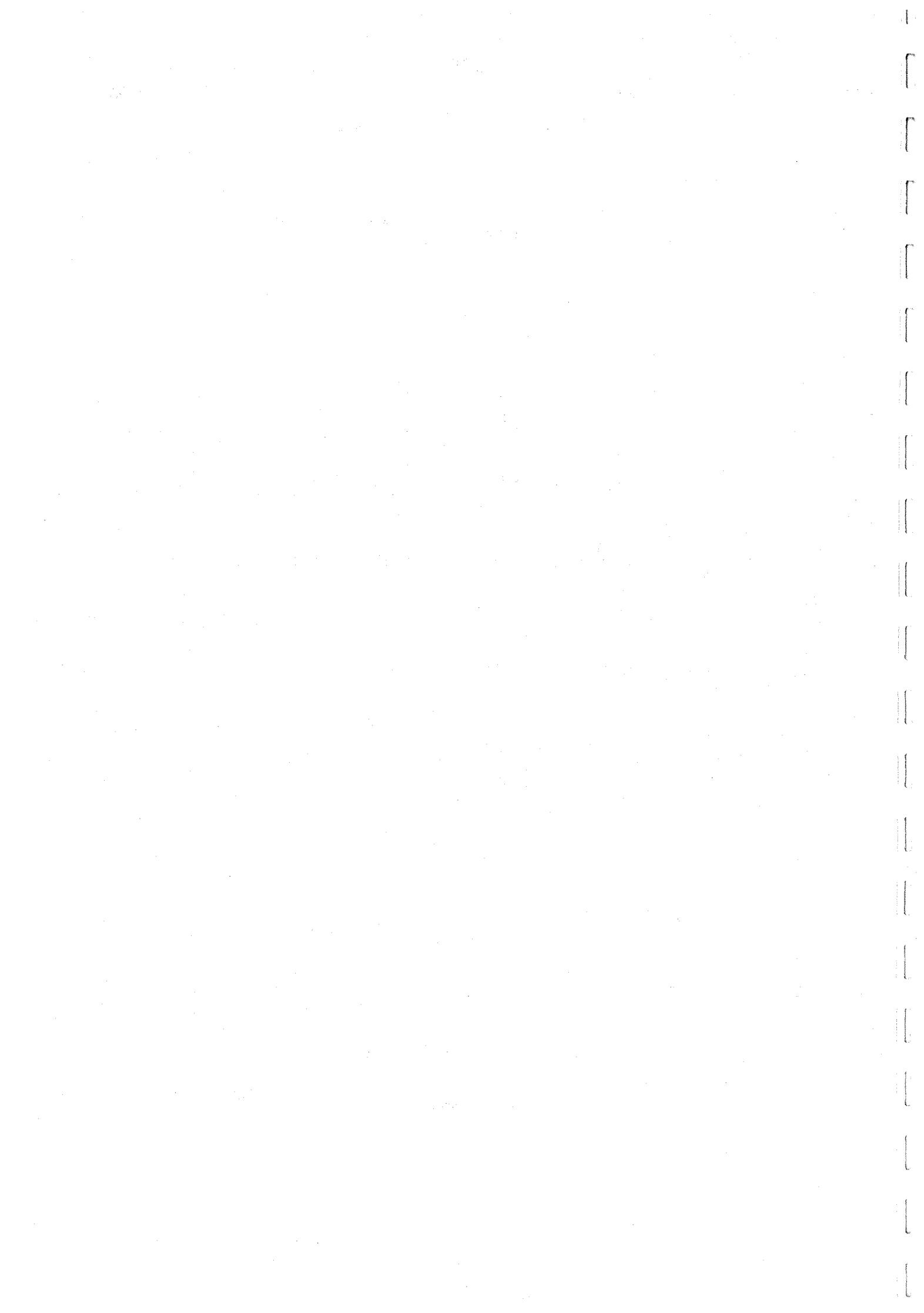
KOMMENTAAR (Gebruik asb afsonderlike velle indien nodig)

Enige kommentaar wat u in hierdie stadium wil lewer:

Stofbeheer moet tegenwoordig ook! Afname per 1 m²
beschadiging minder dan 5 cm voor condenskroostvorming
af.

Versoek aar die volgende van my kollegas/vriende/bure om vir hierdie projek te registreer:

DANKIE VIR U BYDRAE



Environmental Impact Assessment and Waste Management License Application for the proposed extension of ash disposal facilities at Camden Power Station

BACKGROUND INFORMATION DOCUMENT

May 2014

This Background Information Document provides Interested and Affected Parties (I&APs) with information on the Environmental Impact Assessment (EIA) and Waste Management License Application (WMLA) that are being done by Zitholele Consulting for the proposed extension of ash disposal facilities at Camden Power Station in Mpumalanga.

This BID also provides I&APs with the opportunity to:

- Register as stakeholders in the public participation process; and
- Comment on the proposed project.

The purpose of an EIA is to identify and evaluate potential impacts, to recommend measures to avoid or reduce negative impacts and to enhance positive impacts. The licensing of waste management activities through a WMLA is the primary means by which these activities are regulated.

The decision-making authority for both the EIA and WMLA is the Department of Environmental Affairs.

You will be included in the stakeholder database and receive further documents for review and comment. Your comments will inform the outcome of the environmental impact assessment and the proposed waste management license application.

BACKGROUND TO THE PROPOSED PROJECT

Eskom is the South African utility that generates, transmits and distributes electricity. Eskom supplies about 95% of the country's electricity and about 60% of the total electricity consumed in Africa.

Eskom plays a major role in accelerating growth in the South African economy by providing a high-quality supply of electricity.

Camden power station is a coal fired power station outside Ermelo in Mpumalanga which is part of Eskom's power generation fleet.

Coal is the fuel burnt to generate electricity, which is fed into the national grid, but produces fine and coarse ash which has to be disposed of in an environmentally responsible manner.

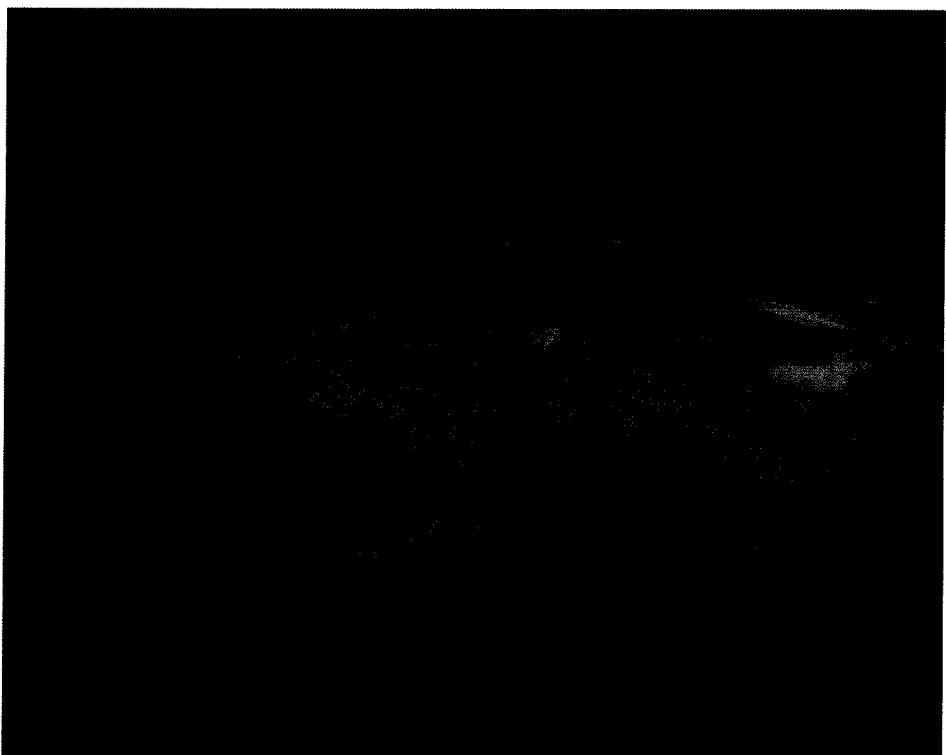
Ash disposal includes a process called 'wet ashing' which involves disposal of ash by pumping the ash as slurry through a pipeline to the ash facility.

Some of the dry ash is also transported to the ash facility with a conveyor belt.

Recent studies have revealed that the current ash disposal facility will not be able to accommodate all the ash to be generated during the remaining operational life of the Camden power station, which is predicted to end in 2033. It was determined that the station would require an additional ash disposal facility by 2014.

The Environmental Impact Assessment process will identify, propose and assess potential sites within a 10 km radius of the power station.

It is anticipated that approximately 28.3 million m³ of ash will be generated by the Camden power station from 2013 until 2033. The proposed ash disposal facilities will have a ground foot print of approximately 120 hectares.



The existing ash disposal facility at the Camden power station.

LEGAL REQUIREMENTS

The proposed new ash facility is subject to the following legal requirements outlined below. The applicable processes will be conducted simultaneously as an integrated process complemented by a combined public participation process.

NATIONAL ENVIRONMENTAL MANAGEMENT ACT

The proposed additional ash disposal facility and associated infrastructure requires an Environmental Impact Assessment (EIA) in terms of the National Environmental Management Act (NEMA), No 107 of 1998 and the new EIA regulations (Government Notice Regulation {GNR} 543 to 546, published in June 2010).

The Department of Environmental Affairs (DEA) is the Competent Authority.

As per Government Notice 33306 of June 2010, Chapter 2 the competent authority must consult with every government organ that administers a law relating to a matter affecting the environment relevant to that application for an environmental authorisation when considering an application.

Therefore, the Department of Water Affairs, Mpumalanga Department of Economic Development, Environment and Tourism, Gert Sibande District Municipality and Msukaligwa Local Municipality (Ermelo) are commenting authorities in this process.

This process includes Scoping and Environmental Impact Report (S&EIR) Phases, which are applicable to all projects likely to have significant environmental impacts due to their nature or extent, activities associated with potentially high levels of environmental degradation, or activities for which the impacts cannot be easily predicted.

In terms of GNR 545 of 2010, the following listed activities require that a S&EIR be undertaken and are applicable to this proposed project:

- **Activity 6:** The construction of facilities or infrastructure for the bulk transportation of dangerous goods –
 - (i) in gas form, outside and industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 700 tons per day;
 - (ii) in liquid form, outside and industrial complex, using pipelines, exceeding 1000 metres in length, with a throughput capacity of more than 50 cubic metres per day;
 - (iii) in solid form, outside and industrial complex, using funiculars or conveyors with a throughput capacity of more than 50 tons per day.
- **Activity 15:** Physical alteration of undeveloped, vacant or derelict land for residential, retail, commercial, industrial or institutional use where the total area to be transformed is 20 hectares or more.
- **Activity 19:** The construction of a dam where the highest part of the dam wall, as measured from the toe of the wall to the highest part of the wall, is 5

metres or higher, or where the high water mark of the dam covers an area of 10 hectares or more.

In terms of GNR 544 of 2010, the following listed activities require that a Basic Assessment be undertaken for the proposed project (these activities having a lesser impact than those of the activities requiring an S&EIR will result in one EIA being undertaken for the proposed project):

- **Activity 12:** The construction of facilities for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more, unless such storage falls within the ambit of Activity 19 of GNR 545.
- **Activity 22:** The construction of a road outside urban areas:
 - i) With a reserve wider than 13,5 metres;
 - ii) Where no reserve exists where the road is wider than 8 metres, or
 - iii) For which an EA was obtained for the route determination in terms of Activity 5 of GNR 387 of 2006 or Activity 18 of GNR 545 of 2010.
- **Activity 24:** The transformation of land bigger than square 1000 metres in size, to residential, retail commercial, industrial or institutional use, where at the time of coming into effect of this Schedule such land was zoned as open space, conservation or has equivalent zoning.
- **Activity 29:** The expansion of facilities for the generation of electricity where:
 - i) The electricity output is increased by 10 MW or more, excluding where such expansion takes place on the original development footprint;
 - ii) Regardless the increased output of the facility, the development footprint will be increased by 1 hectare or more.
- **Activity 47:** The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre:
 - i) With a reserve wider than 13,5 metres;
 - ii) Where no reserve exists where the road is wider than 8 metres;
 - iii) Excluding widening or lengthening inside urban areas.

Therefore, for the proposed extension of ash disposal facilities at the Camden power station, a S&EIR has to be undertaken.

NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT

With the proclamation of the National Environmental Management Waste Act (NEM: WA), No 59 of 2008, all waste related activities previously listed under the National Environmental Management Act (NEMA), No 107 of 1998 have been repealed and are now listed under the NEM:WA GN R718 Section 19 (1) of the NEM:WA highlights the waste management activities that require environmental licensing.

The regulations comprise two Categories:

- **Category A**, which identifies activities that require a Basic Assessment process; and
- **Category B**, which identifies activities that require a full scoping and environmental impact report process to be followed.

In terms of GN R718, Category B the following activities require authorisation:

Activity 1: The storage, including the temporary storage, of hazardous waste in lagoons.

Activity 2: The re-use and recycling of hazardous waste.

Activity 5: The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such a facility to treat such waste.

Activity 9: The disposal of any quantity of hazardous waste to land.

Activity 11: The construction of facilities for activities listed in Category B of this Schedule.

As described in the Regulations "*a person who wishes to commence, undertake or conduct an activity listed under this Category, must conduct an environmental impact assessment process, as stipulated in the environmental impact assessment regulations made under Section 24(5) of the NEMA as part of a waste management license application*".

Therefore the proposed development requires the submission of a waste management license application as well as a Scoping and Environmental Impact Report (S&EIR) to the Department of Environmental Affairs.

ENVIRONMENTAL IMPACT ASSESSMENT

An Environmental Impact Assessment (EIA) is a planning and decision-making tool undertaken in terms of the National Environmental Management Act (NEMA), Act No 107 of 1998. An EIA is a management tool that helps to identify and mitigate any potential impacts that a new development might have prior to the construction of the development.

TECHNICAL AND PUBLIC PARTICIPATION PROCESSES

An EIA has two parallel and integrated processes namely, a **technical** and a **public participation** process.

The **technical process** investigates "hard" information: facts based on scientific and technical studies, statistics or technical data. It identifies the potential negative and positive consequences of a proposed project or development at an early stage and recommends ways to enhance positive impacts and to avoid, reduce or mitigate negative impacts.

The EIA regulations require that an Environmental Management Programme (EMProg) be developed. The EMProg provides recommendations on how to operate and implement the project. The provisions of the EMProg are legally binding on the developer and its contractors.

Public participation ensures that the EIA process is fair, open and transparent. It also provides stakeholders with sufficient information and gives them opportunity to contribute by reviewing and commenting on the information.

Arrangement with regards to negotiations with landowners, if necessary, for land and servitudes and compensation will be shared with the stakeholders during the public participation process of the EIA.

However these negotiations will take place in a separate process. The findings of the EIA will assist landowners and Eskom to determine the extent of local impacts in support of any negotiations that might be necessary.

The public participation process is designed to provide sufficient and accessible information to Interested and Affected Parties (I&APs) in an objective manner to assist them to:

- Raise issues of concern and make suggestions for alternatives and enhanced benefits;
- Contribute local knowledge;
- Verify that their issues have been captured and considered by the technical investigations;
- Comment on the findings of the EIA.

PHASES IN AN EIA

SCOPING PHASE

The **first phase** of an EIA is the Scoping Phase, which is conducted to gain an understanding of the potential environmental issues that are relevant to the project and to determine where further information is required, in the form of specialist studies/investigations.

The Scoping Report and Plan of Study for the EIA are submitted to the Department of Environmental Affairs (DEA) for review and to approve the proposed approach to the detailed investigation required in the next phase.

Activities involved in the Scoping Phase include:

- Meetings with authorities to agree on process and study requirements;

- Initial public and landowner notification, which includes placing of site notices, the distribution of letters, this Background Information Document and an invitation to contribute to the EIA process to I&APs in the project area and beyond;
- Advertisements in local and regional newspapers to announce opportunities to participate;
- Progress feedback letter to be issued and announcements to be made of the availability of the Draft Scoping Report (DSR) and Issues and Response Report (IRR);
- Distribution of a DSR, including IRR, for comment;

- Convening a stakeholder meeting in the project area to obtain comment on the DSR;
- Submission of a Final Scoping Report (FSR), capturing all issues raised for the impact assessment, to the DEA;

- Submit the Plan of Study for the EIA to the DEA;
- Distribution of the FSR for comments; and
- Distribution of a progress feedback letter to stakeholders.

ENVIRONMENTAL IMPACT REPORT PHASE

The **second phase** is the Environmental Impact Report (EIR) Phase, which entails undertaking various specialist studies and compiling a Draft EIR.

As part of the assessment, an Environmental Management Programme (EMProg) as well as an Operational Plan will also be submitted to the Department of Environmental Affairs (DEA) for their approval. By following the EMProg, Eskom and its contractors will ensure compliance to environmental regulations during the planning, construction, operation and decommissioning (if applicable) phases.

The list of identified specialist studies required for this EIR (to date) is listed below (all seasonal dependent studies will be undertaken in the wet season):

- Ash Classification;
- Facility Design, Operational Plan and Topographical Survey;
- 3D modelling of the final site design (optional)
- Terrestrial Ecology Assessment (Fauna and Flora);
- Avi-fauna Assessment;
- Heritage Impact Assessment;
- Social Impact Assessment;
- Surface Water Assessment and Wetland Delineation;
- Ground Water Assessment;
- Geotechnical Assessment;
- Traffic Assessment;
- Air Quality Opinion;
- Noise Assessment;

- Aquatic Ecology Assessment;
- Soils and Land Capability Assessment;
- Visual Impact Assessment; and
- GIS for mapping purposes.

The names of the specialists who will undertake these studies are available from the public participation office.

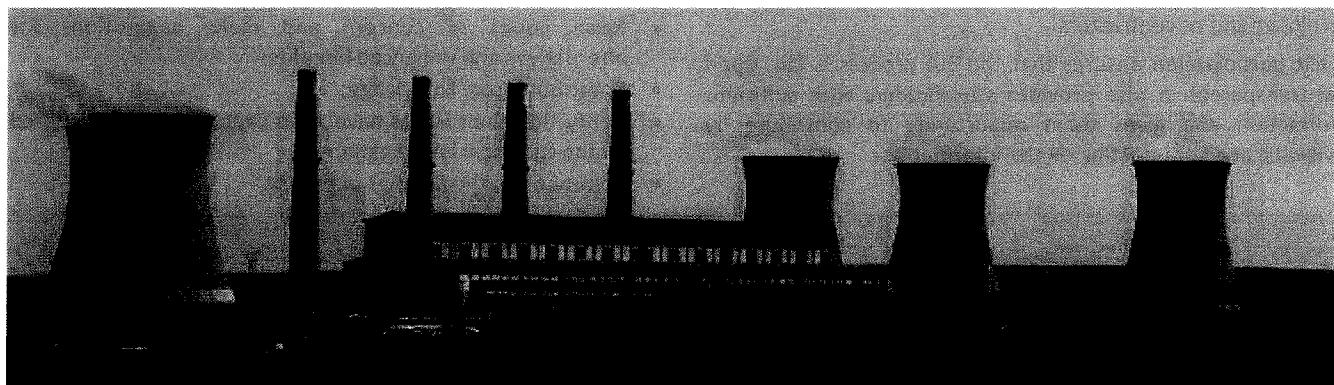
Specific activities in this phase will include:

- Specialist studies focused on outcomes of the Scoping Phase and issues raised by stakeholders;
- Progress feedback to stakeholders;
- Compilation of a Draft EIR and EMProg indicating the potential positive and negative impacts and measures to enhance positive impacts and to reduce or avoid negative impacts;
- Environmental Impact Statement, highlighting the preferred alternative and reasons thereof;
- Advertise the availability of the Draft EIR and EMProg in local and regional newspapers;
- Distribution of the Draft EIR and EMProg, including Issues and Responses Report, for comment;
- A stakeholder meeting in the project area to present the findings of the EIR for stakeholder comment; and
- Distribution of the Final EIR and EMProg for comment.

The EIR and EMProg will then be finalised and submitted to the DEA for a decision.

DECISION-MAKING PHASE

The **third phase** involves notifying the registered I&APs about the decision from the Competent Authority, the Department of Environmental Affairs (DEA) in this case. The DEA must accept or reject this report within 105 days. Stakeholders will be advised of the DEA's decision if Environmental Authorisation has been granted or not and of the appeal procedure should they wish to appeal the decision.



The proposed extension of ash disposal facilities is for the Camden power station just outside Ermelo in Mpumalanga. This power station, which generates 1440 megawatt, was re-opened in October 2010 after its decommissioning in 1988.

Your comments are important.

The purpose of an Environmental Impact Assessment is to provide the decision-making authority with sufficient information on which to base their decision to grant or refuse an Environmental Authorisation and if granted, to define conditions for the development. The contributions made by stakeholders from all sectors of society will ensure informed decision-making.

You are invited to participate freely and to submit any comments or information you feel may be useful to the EIA process. Registered

Omgewingsimpakbepaling en Aansoek vir Afvalbestuurslisensie vir die voorgestelde uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie

AGTERGRONDINLIGTINGSDOKUMENT

Hierdie Agtergrondinligtingsdokument (AID) bied aan Belanghebbende en Geaffekteerde Partye (B&GP's) inligting oor die Omgewingsimpakbepaling (OIB) en Aansoek vir 'n Afvalbestuurslisensie (AABL) wat deur Zitholele Consulting gedoen word vir die voorgestelde uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie in Mpumalanga.

Hierdie AID bied ook aan B&GP's 'n geleentheid om –

- te registreer as belanghebbendes in die proses van openbare deelname; en
- kommentaar te lewer op die voorgestelde projek.

Die doel van 'n OIB is om potensiële impakte te identifiseer en te evalueer en om maatreëls aan te beveel om negatiewe impakte te verminder of te verminder en om positiewe impakte te vergroot. Die lisensiering van afvalbestuursaktiwiteite deur 'n AABL is die vernaamste manier waardeur hierdie aktiwiteite gereguleer word. Die besluitneemwêrheid vir die OIB en die AABL is die Departement van Omgewingsake.

U naam sal in die databasis van belanghebbende "gegelyk" word.

AGTERGROND VIR DIE VOORGESTELDE PROJEK

Eskom is die Suid-Afrikaanse nutsmaatskappy wat elektrisiteit opwek, oorbring en versprei. Eskom verskaf ongeveer 95% van die land se elektrisiteit en nagenoeg 60% van al die elektrisiteit wat in Afrika verbruik word.

Eskom speel 'n groot rol om groei in die Suid-Afrikaanse ekonomie te versnel deur hoëgehalte-elektrisiteitsvoorsiening.

Die Camden-kragstasie wat 1 440 megawatt opwek, is 'n steenkool-kragstasie buite Ermelo in Mpumalanga wat deel van Eskom se kragopwekvloot is. Dit is in Oktober 2010 heropen na uitdiensstelling in 1988.

Steenkool is die brandstof wat verbrand word om elektrisiteit op te wek, wat in die nasionale netwerk gevoer word, maar die kragstasie produseer fyn en growwe as wat op 'n omgewingskundig verantwoordelike manier weggedoen moet word.

Aswegdoening sluit 'n proses in wat 'nataswegdoening' genoem word, wat behels dat die as weggedoen word as 'n

flodder wat deur 'n pyleiding na die asfasiliteit gepomp word.

'n Deel van die as word ook met 'n vervoerband na die asfasiliteit vervoer.

Onlangse studies toon dat die huidige aswegdoenfasiliteit nie al die as vir die oorblywende bedryfslewe van die Camden-kragstasie, wat in 2033 ten einde loop, sal kan hanteer nie. Daar is vasgestel dat die kragstasie teen 2014 'n bykomende aswegdoenfasiliteit sal moet kry.

Die Omgewingsimpakbepalingsproses sal potensiële terreine binne 'n radius van 10 km van die kragstasie identifiseer, voorstel en evalueer.

Na verwagting sal ongeveer 28.3 miljoen m³ as van 2013 tot 2033 deur die Camden-kragstasie geproduceer word. Die voorgestelde aswegdoenfasiliteite sal 'n grondvoetspoor van ongeveer 120 hektaar hê.

Die bestaande aswegdoenfasiliteit by die Camden-kragstasie

WETLIKE VEREISTES

Die voorgestelde nuwe asfalisiteit is onderhewig aan die wetlike vereistes wat hieronder geskets word. Die toepaslike prosesse sal gelyktydig uitgevoer word as 'n geïntegreerde proses wat deur 'n gekombineerde proses van openbare deelname aangevul word.

WET OP NASIONALE OMGEWINGSBESTUUR

Die voorgestelde bykomende aswegdoenfasiliteit en gepaardgaande infrastruktuur vereis 'n Omgewingsimpakbepaling (OIB) ingevolge die Wet op Nasionale Omgewingsbestuur (NEMA), No 107 van 1998, en die nuwe OIB-regulasies (Goewermentskennisgewings R.543 tot 546, wat in Junie 2010 gepubliseer is).

Die Departement van Omgewingsake (DO) is die Bevoegde Owerheid.

Ingevolge Goewermentskennisgewing R.543 van Junie 2010, Hoofstuk 2, moet die bevoegde owerheid oorleg pleeg met elke staatsorgaan wat 'n wet administreer rakende 'n aangeleentheid betreffende die omgewing in verband met daardie aansoek vir omgewingsmagtiging wanneer 'n aansoek oorweeg word.

Gevollik is die Departement van Waterwese, Mpumalanga se Departement van Ekonomiese Ontwikkeling, Omgewing en Toerisme, die Gert Sibande-distriksmunisipaliteit en die Msukaligwa plaaslike munisipaliteit (Ermelo) kommentaarowerhede in hierdie proses.

Hierdie proses behels Omvangbepaling en Omgewingsimpakverslag (O&OIV)-fases, wat van toepassing is op alle projekte wat waarskynlik beduidende omgewingsimpakte sal hê as gevolg van die aard of omvang daarvan, aktiwiteite geassosieer met potensieel hoë vlakke van omgewingsagteruitgang of aktiwiteite waarvan die impakte nie maklik voorspel kan word nie.

Ingevolge GK R.545 van 2010 vereis die volgende aktiwiteite dat 'n O&OIV gedoen word en dit is op die voorgestelde projek van toepassing:

- **Aktiwiteit 6:** Die konstruksie van fasiliteite of infrastruktuur vir die grootmaatvervoer van geværlike goedere –
 - (i) in gasvorm, buite 'n nywerheidskompleks, deur die gebruik van pyleidings van langer as 1 000 meter met 'n deursetkapasiteit van meer as 700 ton per dag;
 - (ii) in vloeistofvorm, buite 'n nywerheidskompleks, deur die gebruik van pyleidings van langer as 1 000 meter met 'n deursetkapasiteit van meer as 50 kubieke meter per dag;
 - (iii) in vaste vorm, buite 'n nywerheidskompleks, deur die gebruik van tandratspore of vervoerbande met 'n deursetkapasiteit van meer as 50 ton per dag.
- **Aktiwiteit 15:** Fisiese verandering van onontwikkelde, leë of verwaarloosde grond vir residensiële, kleinhandels-, kommersiële, nywerheids- of institusionele gebruik waar die totale gebied wat verander staan te word, 20 hektaar of meer is.
- **Aktiwiteit 19:** Die konstruksie van 'n dam, waar die hoogste deel van die damwal, soos gemeet van die toon

van die wal tot die hoogste deel van die wal, 5 meter of hoër is of waar die hoogwatermerk van die dam 'n gebied van 10 hektaar of meer dek.

Ingevolge GK R.544 van 2010 vereis die volgende gelyste aktiwiteite dat 'n Basiese Bepaling vir die voorgestelde projek gedoen word (hierdie aktiwiteite het 'n geringer impak as dié van die aktiwiteite wat 'n O&OIV vereis en een OIB sal vir die voorgestelde projek gedoen word).

- **Aktiwiteit 12:** Die konstruksie van fasiliteite vir die buitestroomopgaring van water, insluitende damme en reservoirs, met 'n gesamentlike kapasiteit van 50 000 kubieke meter of meer, tensy sodanige opgaring binne die bestek van aktiwiteit 19 van GK R.545 val.
- **Aktiwiteit 22:** Die konstruksie van 'n pad buite stedelike gebiede:
 - i) met 'n reserwe breër as 13,5 meter;
 - ii) waar daar nie 'n reserwe is nie, waar die pad breër as 8 meter is, of
 - iii) waarvoor 'n OIB verkry is vir die roetebepaling ingevolge Aktiwiteit 5 van GK R.387 van 2006 of Aktiwiteit 18 van GK R.545 van 2010.
- **Aktiwiteit 24:** Die transformasie van grond groter as 1 000 vierkante meter tot residensiële, kleinhandels-, kommersiële, nywerheids- of institusionele gebruik, waar sodanige grond ten tyde van die inwerkingtreding van hierdie Bylae as oop ruimte of vir bewaring gesoneer was of 'n gelykwaardige sonering gehad het.
- **Aktiwiteit 29:** Die uitbreiding van fasiliteite vir die opwekking van elektrisiteit, waar:
 - (i) die elektrisiteitsuitset met 10 MW of meer verhoog sal word, uitgesonderd waar sodanige uitbreiding op die oorspronklike ontwikkelingsvoetspoor plaasvind; of
 - (ii) ongeag die groter uitset van die fasilitet, die ontwikkelingsvoetspoor met 1 hektaar of meer vergroot sal word.
- **Aktiwiteit 47:** Die verbreding van 'n pad met meer as 6 meter, of die verlenging van 'n pad met meer as 1 kilometer –
 - (i) waar die reserwe breër as 13,5 meter is, of
 - (ii) waar daar nie 'n reserwe is nie, waar die pad breër as 8 meter is, uitgesonderd waar die verbreding of verlenging in stedelike gebiede plaasvind.

Vir die voorgestelde uitbreiding van die aswegdoenfasiliteite by die Camden-kragstasie moet 'n O&OIV dus gedoen word.

NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT

Met die proklamering van die National Environmental Management Waste Act (NEM: WA), No 59 van 2008, is alle afvalverwante aktiwiteite wat voorheen ingevolge die Wet op Nasionale Omgewingsbestuur (NEMA), No 107 van 1998, gelys is, herroep en word hulle nou onder die NEM:WA gelys. GK R.718 (ingevolge artikel 19(1) van die NEM:WA) bepaal die afvalbestuursaktiwiteite wat omgewingslisensiëring vereis.

Die regulasies behels twee kategorieë:

- **Kategorie A**, wat aktiwiteite identifiseer wat 'n Basiese Bepalingsproses vereis; en
- **Kategorie B**, wat aktiwiteite identifiseer wat 'n volledige omvangbepalings- en omgewingsimpakverslagproses vereis.

Ingevolge GK R.718, Kategorie B, vereis die volgende aktiwiteite magtiging:

Aktiwiteit 1: Die opgaring, insluitende die tydelike opgaring, van gevaarlike afval in damme.

Aktiwiteit 2: Die hergebruik en hersiklering van gevaarlike afval.

Aktiwiteit 5: Die behandeling van gevaarlike afval deur die gebruik van enige vorm van behandeling ongeag die grootte of kapasiteit van so 'n fasilitet om sodanige afval te behandel.

Aktiwiteit 9: Die wegdoen van enige hoeveelheid gevaarlike afval op land.

Aktiwiteit 11: Die konstruksie van fasilitete vir aktiwiteite wat in Kategorie B van hierdie Bylae gelys is.

Die regulasies bepaal dat 'n persoon wat 'n aktiwiteit wat in hierdie Kategorie gelys is, wil begin, onderneem of dryf, moet 'n omgewingsimpakbepalingsproses uitvoer soos bepaal in die omgewingsimpakbepalingsregulasies uitgevaardig ingevolge die NEMA as deel van 'n aansoek vir 'n afvalbestuurslisensie.

Die voorgestelde ontwikkeling vereis dus die voorlegging van 'n aansoek vir 'n afvalbestuurslisensie asook 'n Omvangbepalings- en Omgewingsimpakverslag (O&OIV) aan die Departement van Omgewingsake.

OMGEWINGSIMPAKBEPALING

'n Omgewingsimpakbepaling (OIB) is 'n instrument vir beplanning en besluitneming wat ingevolge die Wet op Nasionale Omgewingsbestuur (NEMA), Wet 107 van 1998, gedoen word. 'n OIB is 'n bestuursinstrument wat help om enige potensiële impakte wat 'n nuwe ontwikkeling kan hê, te identifiseer en te versag voor die konstruksie van die ontwikkeling.

TEGNIESE PROSES EN PROSES VAN OPENBARE DEELNAME

'n OIB het twee parallelle en geïntegreerde prosesse, naamlik 'n **tegniese proses** en 'n proses van **openbare deelname**.

Die tegniese proses ondersoek "harde" inligting: feite gebaseer op wetenskaplike en tegniese studies, statistieke of tegniese data. Dit identifiseer die potensiële negatiewe en positiewe gevolge van 'n voorgestelde projek of ontwikkeling in 'n vroeë stadium en beveel maniere aan om positiewe impakte te vergroot en negatiewe impakte te vermy, te verminder of te versag.

Die OIB-regulasies vereis dat 'n Omgewingsbestuursprogram (OBProg) ontwikkel word. Die OBProg bied aanbevelings oor hoe om die projek te bedryf en uit te voer. Die bepalings van die OBProg is wetlik bindend vir die ontwikkelaar en sy kontrakteurs.

Openbare deelname verseker dat die OIB-proses billik, oop en deursigtig is. Dit bied ook aan belanghebbendes voldoende inligting en 'n geleentheid om by te dra deur die inligting na te gaan en kommentaar daarop te lewer.

Reëlings met betrekking tot onderhandelinge met grondeienaars, indien nodig, oor grond en serwitute en vergoeding sal met die belanghebbendes gedeel word tydens die OIB se proses van openbare deelname.

Hierdie onderhandelinge sal egter in 'n afsonderlike proses plaasvind. Die bevindings van die OIB sal grondeienaars en Eskom help om die omvang van plaaslike impakte te bepaal ter stawing van enige onderhandelinge wat nodig is.

Die proses van openbare deelname is bedoel om voldoende en toeganklike inligting op 'n objektiewe wyse aan Belanghebbende en Geaffekteerde Partye (B&GP's) te versaf om hulle te help om:

- Kwellings te opper en voorstelle vir alternatiewe en vir groter voordele te maak;
- Plaaslike kennis by te dra;
- Seker te maak dat hulle kwessies opgeneem en oorweeg is deur die tegniese ondersoek;
- Kommentaar op die bevindings van die OIB te lewer.

FASES IN 'N OIB

OMVANGBEPALINGSFASE

Die eerste fase van 'n OIB is die Omvangbepalingsfase, wat gedoen word om begrip van die potensiële omgewingskwallities rakende die projek te kry en om te bepaal waar verdere inligting nodig is in die vorm van spesialisstudies of -ondersoeke.

Die Omvangverslag en Studieplan vir die OIB word aan die Departement van Omgewingsake (DO) voorgelê om te bestudeer en om die voorgestelde benadering tot die gedetailleerde ondersoek in die volgende fase goed te keur.

Aktiwiteite in die Omvangfase sluit in:

- Vergaderings met owerhede om oor prosesse en studievereistes te besluit;
- Aanvanklike kennisgewing aan die publiek en grondeienaars, wat insluit die plasing van terreinkennisgewings, die verspreiding van brieve, hierdie Agtergrondinligtingsdokument en 'n uitnodiging om tot die OIB-proses by te dra aan B&GP's in die projekgebied en verder;
- Advertensies in plaaslike en streekkoerante om geleenthede vir deelname aan te kondig;

- Vorderingsterugvoerbrief en aankondigings oor die beskikbaarheid van die Konsep-Omvangverslag (KOV) en Kwessiesverslag (KV);
- Die verspreiding van 'n KOV, insluitende (KV), vir kommentaar;
- Die hou van 'n vergadering met belanghebbendes in die projekgebied om kommentaar op die KOV te kry;

- Die voorlegging van 'n Finale Omvangverslag (FOV) wat alle kwessies bevat wat vir die impakbepaling geopper is, aan die DO;
- Die voorlegging van die Studieplan vir die OIB aan die DO;
- Die verspreiding van die FOV vir kommentaar; en
- Die verspreiding van 'n vorderingsterugvoerbrief aan belanghebbendes.

OMGEWINGSIMPAKVERSLAGFASE

Die **tweede fase** is die Omgewingsimpakverslag (OIV)-fase, wat verskeie spesialisstudies en die samestelling van 'n Konsep-OIV behels.

As deel van die bepaling sal 'n Omgewingsbestuursprogram (OBProg) en 'n Bedryfsplan ook aan die Departement van Omgewingsake (DO) voorgelê word vir goedkeuring. Deur die OBProg te volg, sal Eskom en sy kontrakteurs nakoming van omgewingsregulasies verseker tydens beplanning, konstruksie, bedryf en uitdiensstelling (indien van toepassing).

Die geïdentifiseerde spesialisstudies wat (tot dusver) vir hierdie OIV nodig is, word hieronder genoem (alle seisoensafhanklike studies sal in die nat seisoen gedoen word):

- Asklassifikasie;
- Fasiliteitontwerp, Bedryfsplan en Topografiese Opname;
- 3D-modellering van die finale terreinontwerp (opsioneel)
- Evaluering van terrestriële ekologie (fauna en flora);
- Evaluering van voëllewe;
- Evaluering van erfenisimpak;
- Evaluering van maatskaplike impak;
- Evaluering van oppervlakterwater en afbakening van vleilande;
- Grondwaterevaluering;
- Geotegniese evaluering;
- Verkeersevaluering;
- Mening oor luggehalte;
- Geraasevaluering;
- Evaluering van akwatische ekologie;

- Evaluering van grond en gronddrakrag;
- Evaluering van visuele impak; en
- GIS vir karteerdoeleindes.

Die name van die spesialiste wat hierdie studies sal doen, kan van die kantoor vir openbare deelname verkry word.

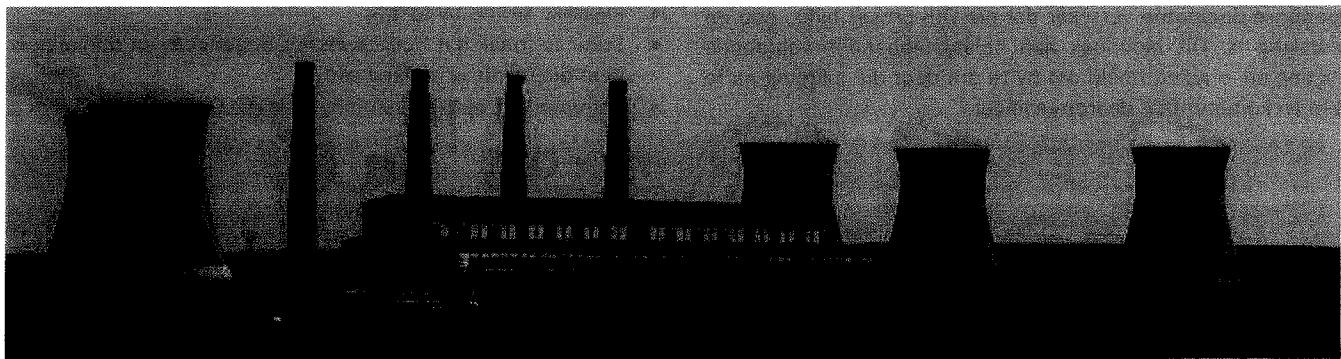
Spesifieke aktiwiteite in hierdie fase sluit in:

- Spesialisstudies wat fokus op uitkomste van die Omvangfase en kwessies wat deur belanghebbendes geopper is;
- Terugvoer oor vordering aan belanghebbendes;
- Opstel van 'n Konsep-OIV en OBProg wat die potensiële positiewe en negatiewe impakte toon, asook maatreëls om positiewe impakte te vergroot en negatiewe impakte te verminder of te vermy;
- Omgewingsimpakverklaring, wat die gekose alternatief en die redes daarvoor toon;
- Adverteering van die beskikbaarheid van die Konsep-OIV en OBProg in plaaslike en streekkoerante;
- Verspreiding van die Konsep-OIV en OBProg, insluitende die Kwessiesverslag, vir kommentaar;
- 'n Vergadering met belanghebbendes in die projekgebied om die bevindings van die OIV vir hulle kommentaar aan te bied; en
- Verspreiding van die Finale OIV en OBProg vir kommentaar.

Die OIV en OBProg sal gefinaliseer en aan die DO voorgelê word vir 'n besluit.

BESLUITNEEMFASE

Die **derde fase** behels kennisgewing aan die B&GP's van die besluit van die Bevoegde Owerheid, die Departement van Omgewingsake (DO) in hierdie geval, wat hierdie verslag binne 105 dae moet aanvaar of verwerp. Belanghebbendes sal ingelig word oor die DO se besluit of Omgewingsmagtiging verleen is al dan nie en oor die appèlprosedure indien hulle teen die besluit wil appelleer.



Die voorgestelde uitbreiding van aswegdoenfasilitete vir die Camden-kragstasie net buite Ermelo in Mpumalanga.

U kommentaar is belangrik

Die doel van 'n Omgewingsimpakbepaling is om die besluitneemowerheid te voorsien van genoeg inligting as basis vir sy besluit om Omgewingsmagtiging te verleen of te weier, en indien dit verleen word, om voorwaardes vir die ontwikkeling te bepaal. Die bydraes van belanghebbendes uit alle sektore van die samelewing sal ingeligte besluitneming verseker. U word genooi om vryelik deel te neem en enige kommentaar of inligting wat u sou wil deel, voor te leie. Graag sterrende belanghebbende en gespecialiseerde partye,

REGISTRATION AND COMMENT SHEET**Environmental Impact Assessment and
Waste Management License Application for a
proposed extension of ash disposal facilities at
Camden Power Station**Inserted in the Background Information Document
May 2011**EIA Public Participation Office**

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002, Halfway House, 1685
Tel: (011) 207 2076/2075
Fax: 086-676-9950
Email: alotter@zitholele.co.za or
florencer@zitholele.co.za

Please complete by 17 June 2011 and return to the EIA Public Participation Office (as above)

TITLE		FIRST NAME		
INITIALS		SURNAME		
ORGANISATION		EMAIL		
POSTAL ADDRESS				
TEL NO		POSTAL CODE		
DATE		FAX NO		
Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the Environmental Impact Assessment process			YES	NO
I would like my notifications by			Letter (mail)	
			Email	
			Fax	
			Telephone	
I would like to receive documents for comment as follows			Paper copies	
			By email	
			On CD	
In terms of Regulations GNR 543 - 546 – Government Gazette No. 33306 of 18 June 2010 (EIA process regulations) I disclose below any direct business, financial, personal or other interest that I may have in the approval or refusal of the application:				
.....				

COMMENTS (please use separate sheets if you wish)

Any comments you may have at this stage:

.....
.....
.....

Please ask the following of my colleagues/friends/neighbours to register for this project:

.....
.....

THANK YOU FOR YOUR CONTRIBUTION

REGISTRASIE- EN KOMMENTAARBLAD

**Omgewingsimpakbepaling en Aansoek vir
Afvalbestuurslisensie vir voorgestelde
uitbreiding van aswegdoenfasiliteite by die
Camden-kragstasie**

Ingevoeg in die Agtergrondinligtingsdokument
Mei 2011

**OIB Kantoor vir Openbare
Deelname**

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Edms) Bpk
Posbus 6002, Halfway House, 1685
Tel: 011 207 2076/2075
Faks: 086 676 9950
E-pos: alotter@zitholele.co.za of
floencer@zitholele.co.za

Vul asb in en stuur teen 17 Junie 2011 terug aan die OIB Kantoor vir Openbare Deelname (soos hierbo)

TITEL		VOORNAAM		
VOORLETTERS		VAN		
ORGANISASIE		E-POS		
POSADRES				
TEL NO		POSKODE		
DATUM		FAKS NO		
Registreer my asb formeel as 'n belanghebbende en geaffekteerde party (B&GP) sodat ek verdere inligting en kennisgewings tydens die Omgewingsimpakbepalingsproses kan ontvang			JA	NEE
Ek wil graag my kennisgewings ontvang per			<input type="checkbox"/> Brief (pos) <input type="checkbox"/> E-pos <input type="checkbox"/> Faks <input type="checkbox"/> Telefoon	
Ek wil graag die dokumente vir kommentaar soos volg ontvang			<input type="checkbox"/> Papiereksemplare <input type="checkbox"/> Per e-pos <input type="checkbox"/> Op CD	
Ingevolge die Regulasies (GK R.543 - 546 – Staatskoerant No. 33306 van 18 Junie 2010) (OIB-prosesregulasies) verklaar ek hieronder enige regstreekse sake-, finansiële, persoonlike of ander belang wat ek by die goedkeuring of weiering van die aansoek het:				
.....				

KOMMENTAAR (Gebruik asb afsonderlike velle indien nodig)

Enige kommentaar wat u in hierdie stadium wil lewer:

.....

.....

.....

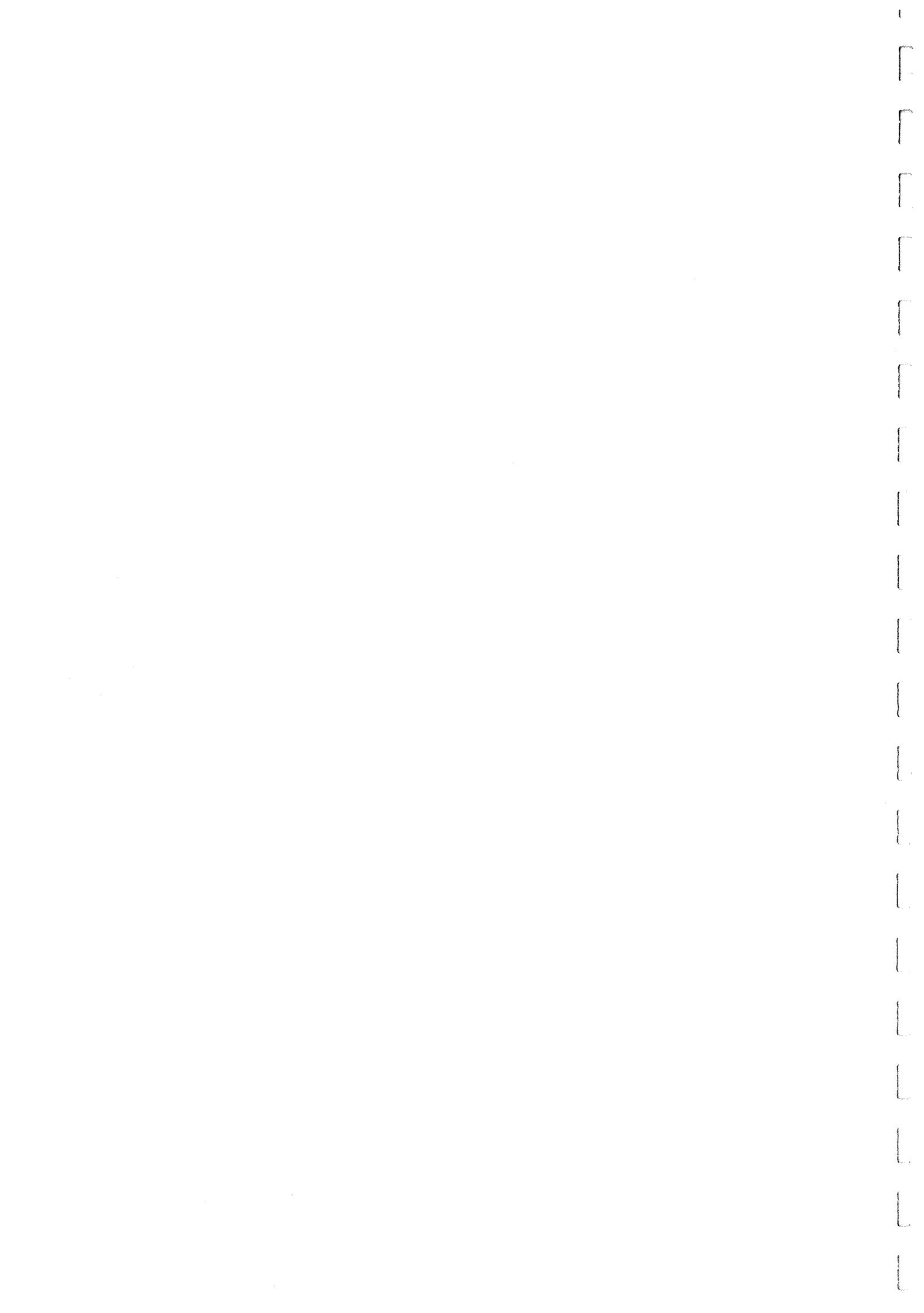
Versoek asb die volgende van my kollegas/vriende/bure om vir hierdie projek te registreer:

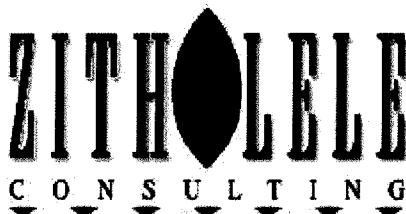
.....

.....

DANKIE VIR U BYDRAE

Appendix G: Correspondence sent to stakeholders





Zitholele Consulting (Pty) Ltd
Reg. No. 2000/000392/07
PO Box 6002, Halfway House, 1685
South Africa
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel 011-207-2060
Fax 086-676-9950
Email: mail@zitholele.co.za

16 May 2011

Dear Stakeholder

Environmental Impact Assessment and Waste Management License Application for a proposed extension of ash disposal facilities and associated infrastructure at Camden Power Station

An Integrated Environmental Impact Assessment (EIA) and Waste Management License Application (WMLA) are being undertaken for a proposed extension of ash disposal facilities at Camden Power Station near Ermelo in Mpumalanga.

Recent studies have revealed that the current ash disposal facility will not be able to accommodate all the ash for the remaining operational life of the Camden power station, which will end in 2033. It was determined that the station would require an additional ash disposal facility by 2014, and this investigation is for undertaking the required environmental authorisation processes for this proposal.

An EIA must be conducted according to the National Environmental Management Act, (Act No 107 of 1998). New regulations (GNR 543 - 546 – Government Gazette No. 33306) were published in June 2010, which indicate that this proposed development must adhere to before being approved by the Department of Environmental Affairs (DEA).

Zitholele Consulting (Pty) Ltd has been appointed as the Environmental Assessment Practitioner (EAP) for this EIA and WMLA. The decision-making authority for this project is the DEA while the Mpumalanga Department of Economic Development, Environment and Tourism is a key commenting authority on this study.

You are invited to register as an Interested and/or Affected Party (I&AP) and to participate in this environmental process by using the registration and comment sheet in the enclosed Background Information Document. Please return the comment sheet at the latest by 17 June 2011 for this initial public notification process, although submissions and public participation will continue throughout the EIA process.

Kindly send your reply to Anelle Lötter or Florence Rambuda at the Public Participation Office on fax number 086-676-9950 or e-mail to alotter@zitholele.co.za / floencer@zitholele.co.za. You are also welcome to contact Zitholele Consulting on (011) 207-2076 or (011) 207- 2075.

This assessment is being conducted on behalf of Eskom.

Yours sincerely

A handwritten signature in black ink, appearing to read "Anelle Lötter".

Anelle Lötter
Public Participation Office



Zitholele Consulting (Edms) Bpk
Reg. No. 2000/000392/07
Posbus 6002, Halfway House, 1685
Suid-Afrika
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel 011 207 2060
Faks 086 676 9950
E-pos: mail@zitholele.co.za

16 Mei 2011

Geagte Belanghebbende

Omgewingsimpakbepaling en Aansoek vir Afvalbestuurslisensie vir 'n voorgestelde uitbreiding van aswegdoenfasiliteite en gepaardgaande infrastruktuur by die Camden-kragstasie

'n Geïntegreerde Omgewingsimpakbepaling (OIB) en Aansoek vir 'n Afvalbestuurslisensie (AABL) word gedoen vir 'n voorgestelde uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie naby Ermelo in Mpumalanga.

Onlangse studies het getoon dat die huidige aswegdoenfasilitet nie al die as vir die oorblywende bedryfslewe van die Camden-kragstasie, wat in 2033 ten einde loop, sal kan hanteer nie. Daar is vasgestel dat die kragstasie teen 2014 'n bykomende aswegdoenfasilitet sal nodig kry, en hierdie ondersoek is om die vereiste omgewingsmagtigingsprosesse vir hierdie voorstel te volg.

'n OIB moet ingevolle die Wet op Nasionale Omgewingsbestuur, 1998 (Wet No. 107 van 1998), gedoen word. Nuwe regulasies (GK R.543 – 546, Staatskoerant No. 33306) is in Junie 2010 gepubliseer en bepaal dat hierdie voorgestelde ontwikkeling daarvan moet voldoen voordat die Departement van Omgewingsake (DO) dit kan goedkeur.

Zitholele Consulting (Edms) Bpk is as die Omgewingsbepalingspraktisyn (OBP) vir hierdie OIB en AABL aangestel. Die besluitneemowerheid vir hierdie projek is die DO, en Mpumalanga se Departement van Ekonomiese Ontwikkeling, Omgewing en Toerisme is 'n sleutelkommentaarowerheid vir hierdie studie.

U word genooi om as 'n Belanghebbende en/of Geaffekteerde Party (B&GP) te regstreer en om aan hierdie omgewingsproses deel te neem deur die registrasie- en kommentaarblad in die ingesloten Agtergrondinligtingsdokument te gebruik. Stuur asb die kommentaarblad nie later nie as 17 Junie 2011 terug vir hierdie aanvanklike openbare kennisproses, hoewel voorleggings en openbare deelname dwarsdeur die OIB-proses sal voortgaan.

Rig asb u antwoord aan Anelle Lötter of Florence Rambuda van die Kantoor vir Openbare Deelname by faksnommer 086 676 9950 of per e-pos aan alotter@zitholele.co.za / floencer@zitholele.co.za. U kan ook met Zitholele Consulting skakel by 011 207 2076 of 011 207 2075.

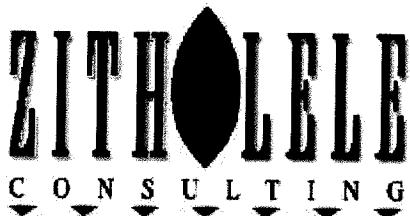
Hierdie bepaling word namens Eskom gedoen.

Met vriendelike groete

A handwritten signature in black ink, appearing to read "Anelle Lötter".

Anelle Lötter

Kantoor vir Openbare Deelname



Zitholele Consulting (Pty) Ltd
Reg. No. 2000/000392/07
PO Box 6002 Halfway House 1685
South Africa
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel 011-207-2060
Fax 086-676-9950
Email: mail@zitholele.co.za

16 May 2011

Attention: Landowner

Extension of ash disposal facilities at Camden Power Station

NOTIFICATION OF

ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME

(in terms of the National Environmental Management Act, Act 107 of 1998), and a

WASTE MANAGEMENT LICENSE APPLICATION

(in terms of the National Environmental Management: Waste Act, At 59 of 2008)

An Integrated Environmental Impact Assessment (EIA) and Waste Management License Application (WMLA) are being undertaken for the proposed extension of ash disposal facilities and associated infrastructure at the Camden Power Station near Ermelo in Mpumalanga.

The Camden Power Station is a coal fired power station which is part of Eskom's power generation fleet. At this station, coal is the fuel burnt to generate electricity, which is fed into the national grid, but produces fine and coarse ash which has to be disposed of in an environmentally responsible manner. Ash disposal includes a process called 'wet ashing' which involves disposal of ash by pumping the ash as slurry through a pipeline to the ash facility. Some of the dry ash is also transported to the ash facility with a conveyor belt.

Recent studies have revealed that the current ash disposal facilities will not be able to accommodate all the ash to be generated during the remaining operational life of the Camden power station, which is predicted to end in 2033. It was determined that the station would require an additional ash disposal facility by 2014. It is anticipated that approximately 28.3 million m³ of ash will be generated by the Camden power station until 2033.

The proposed ash disposal facilities will have a ground foot print of approximately 120 hectares. However, a radius of 10 km around the Camden Power Station will be investigated during this EIA to identify potential sites, assess the sites and make a recommendation on the most favourable site, and all landowners within this radius are being informed of these processes.

The EIA will identify, propose and assess potential sites. An EIA and Environmental Management Programme (EMProg) are required in terms of the National Environmental Management Act (No 107 of 1998) and the NEMA EIA regulations (Government Notice Regulation [GNR]) 543 to 546, published in June 2010. A WMLA in terms of the National Environmental Management: Waste Act (No. 59 of 2008) must also be undertaken.

This notice is in terms of Section 15 of GNR 543, which requires that landowners and people in control of land be notified of Eskom's intention to submit an application for environmental authorisation to the Department of Environmental Affairs.

This notice and the submission of the application form is the first step in the EIA and WMLA processes.

Konrad Kruger of Zitholele Consulting will act as the independent Environmental Assessment Practitioner responsible for the EIA and WMLA.

A Background Information Document (BID) will be sent to you shortly. The BID will provide you with a description of the proposed project, the EIA and WMLA processes, the public participation process and the affected environment.

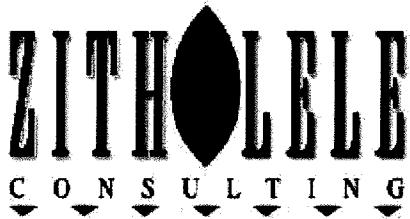
A full public participation process will be conducted as an integral part of the EIA and WMLA application. This process will be coordinated and executed by Zitholele Consulting. As a potential interested or affected party you are requested to participate in the environmental impact assessment process.

For your participation, you are encouraged to register as an Interested or Affected Party (I&AP), and submit any comments, questions or issues that you may have about the proposed project, in writing, to Zitholele Consulting on fax number 086 676 9950, email alotter@zitholele.co.za or postal address PO Box 6002, Halfway House, 1685. You are also welcome to contact Zitholele telephonically on 011 207 2076 / 2077.

Yours sincerely



Anelle Lötter
Public Participation Office



Zitholele Consulting (Edms) Bpk

Reg. No. 2000/000392/07
Posbus 6002 Halfway House 1685
Suid-Afrika
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel 011 207 2060
Faks 086 676 9950
E-pos: mail@zitholele.co.za

16 Mei 2011

Aandag: Grondeienaar

Uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie

KENNISGEWING VAN

OMGEWINGSIMPAKBEPALING EN OMGEWINGSBESTUURSPROGRAM

(ingevolge die Wet op Nasionale Omgewingsbestuur, Wet 107 van 1998), en 'n

AANSOEK VIR 'N AFVALBESTUURSLISENSIE

(ingevolge die National Environmental Management: Waste Act, Wet 59 van 2008)

'n Geïntegreerde Omgewingsimpakbepaling (OIB) en Aansoek vir 'n Afvalbestuurslisensie (AABL) word gedoen vir die voorgestelde uitbreiding van aswegdoenfasiliteite en gepaardgaande infrastruktur by die Camden-kragstasie naby Ermelo in Mpumalanga.

Die Camden-kragstasie is 'n steenkoolkragstasie wat deel van Eskom se kragopwekkingsvloot is. By hierdie kragstasie is steenkool die brandstof wat verbrand word om elektrisiteit op te wek, wat in die nasionale netwerk gevoer word, maar die kragstasie produseer fyn en growwe as wat op 'n omgewingskundig verantwoordelike wyse weggedoen moet word. Aswegdoening sluit in 'n proses wat 'nataswegdoening' genoem word, wat behels dat as weggedoen word deur dit as 'n flodder deur 'n pyleiding na die asfasilitet te pomp. 'n Deel van die droë as word ook met 'n vervoerband na die asfasilitet vervoer.

Onlangse studies toon dat die huidige aswegdoenfasiliteite nie al die as vir die oorblywende bedryfslewe van die Camden-kragstasie, wat in 2033 ten einde loop, sal kan hanteer nie. Daar is vasgestel dat die kragstasie teen 2014 'n bykomende aswegdoenfasilitet sal moet kry. Na verwagting sal ongeveer 28.3 miljoen m³ as tot 2033 deur die Camden-kragstasie geproduseer word.

Die voorgestelde aswegdoenfasiliteite sal 'n grondvoetspoor van sowat 120 hektaar hê. 'n Radius van 10 km rondom die Camden-kragstasie sal egter gedurende hierdie OIB ondersoek word om potensiële terreine te identifiseer, die terreine te evalueer en 'n aanbeveling oor die gunstigste terrein te maak, en alle grondeienaars binne hierdie radius word van hierdie prosesse in kennis gestel.

Die OIB sal potensiële terreine identifiseer, voorstel en evalueer. 'n OIB en 'n Omgewingsbestuursprogram (OBProg) word vereis ingevolge die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) en die OIB-regulasies (Goewermentskennisgewings R.543 tot 546) wat in Junie 2010 gepubliseer is. 'n Aansoek vir 'n Afvalbestuurslisensie (AABL) moet ook gedoen word ingevolge die National Environmental Management: Waste Act (Wet No. 59 van 2008).

Hierdie kennisgewing is ingevolge Item 15 van Goewermentskennisgewing R.543, wat vereis dat grondeienaars en mense in beheer van grond in kennis gestel moet word van Eskom se voorname om 'n aansoek vir omgewingsmagtiging by die Departement van Omgewingsake in te dien.

Hierdie kennisgewing en die voorlegging van die aansoekvorm is die eerste stap in die OIB- en AABL-prosesse.

Konrad Krüger van Zitholele Consulting sal as die onafhanklike Omgewingsbepalingspraktisy optree wat vir die OIB en die AABL verantwoordelik is.

'n Agtergrondinligtingsdokument (AID) sal binnekort aan u gestuur word. Die AID sal u voorsien van 'n beskrywing van die voorgestelde projek, die OIB- en AABL-prosesse, die proses van openbare deelname en die geaffekteerde omgewing.

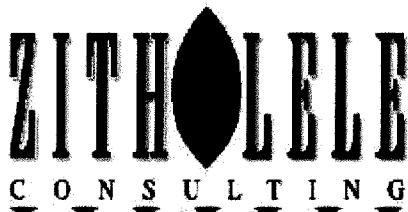
'n Volledige proses van openbare deelname sal as 'n integrale deel van die OIB en die ABL-aansoek gedoen word. Hierdie proses sal deur Zitholele Consulting gekoördineer en uitgevoer word. As 'n potensiële belanghebbende of geaffekteerde party word u versoek om aan die omgewingsimpakbepalingsproses deel te neem.

Vir u deelname word u aangemoedig om as 'n Belanghebbende of Geaffekteerde Party (B&GP) te registreer en enige kommentaar, vrae of kwessies oor die voorgestelde projek skriftelik aan Zitholele Consulting voor te lê by faksnommer 086 676 9950, e-pos alotter@zitholele.co.za of posadres Posbus 6002, Halfway House, 1685. U kan Zitholele ook telefonies skakel by 011 207 2076 / 2077.

Met vriendelike groete



Anelle Lötter
Kantoor vir Openbare Deelname



Zitholele Consulting (Pty) Ltd
Reg. No. 2000/000392/07
PO Box 6002, Halfway House, 1685
South Africa
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel 011-207-2060
Fax 086-676-9950
Email: mail@zitholele.co.za

11 July 2011

Dear Stakeholder

**PROPOSED EXTENSION OF ASH DISPOSAL FACILITIES AND ASSOCIATED INFRASTRUCTURE
AT CAMDEN POWER STATION - DEA REF NO: 12/12/20/2300**

**Draft Scoping Report available for public comment and an invitation to a public meeting to
discuss the proposed project**

An integrated Environmental Impact Assessment (EIA) and Waste Management License Application (WMLA) are being undertaken for the proposed extension of ash disposal facilities at Camden Power Station near Ermelo in Mpumalanga.

Recent studies have revealed that the current ash disposal facility will not be able to accommodate all the ash for the remaining operational life of the Camden power station, which will end in 2033. It was determined that the station would require an additional ash disposal facility by 2014, and this investigation is for undertaking the required environmental investigation and authorisation processes for this proposal.

Notification letters and a background information document have been distributed, and site notices were placed, in May 2011 to inform stakeholders of this environmental assessment process and the approvals that are required. Based on the feedback received to date, a Draft Scoping Report has been prepared and will be made available for public review and comment.

Availability of Draft Scoping Report for public review from 18 July to 22 August 2011

In accordance with the EIA Regulations, one of the purposes of a scoping process is to identify issues related to a project. It also provides an opportunity for the public to comment, identify issues and concerns regarding the activity and/or alternatives, suggesting ways of avoiding, reducing or mitigating negative impacts of an activity and enhancing positive impacts.

Issues and concerns raised by the public, along with issues identified by the environmental technical specialists, will be used to define the Terms of Reference for the Specialist Studies that will be conducted during the Impact Assessment Phase of the EIA.

The Draft Scoping Report (DSR) also allows Interested and Affected Parties (I&APs) to verify that their contributions have been captured and correctly understood.

The DSR will be available for public review from **18 July to 22 August 2011**. Thereafter the report will be updated and submitted to the lead authority for the EIA and WMLA, the National Department of Environmental Affairs (DEA).

The report will be available for review from **18 July 2011** at the following locations:

Contact	Location	Contact
Printed Copies		
Mr Stanley Dondolo	Ermelo Public Library	(017) 801-3621
Ms Thandiwe Mzoyi	Camden Power Station	(017) 827 8000
Electronic Copies		
Mr Tobile Bokwe	www.eskom.co.za/eia Camden ash disposal	011 800 2303
Mr Andre Joubert	www.zitholele.co.za/camden-power-station	011 207 2077
Mr Andre Joubert	Available on CD on request via email from Zitholele Consulting	Phone 011 207 2077, or send email request to andrej@zitholele.co.za , or complete the enclosed form.

You are requested to comment on the DSR in any of the following ways:

- Completing the comment sheet enclosed;
- Writing a letter, or producing additional written submissions;
- Sending an email or phoning the public participation office; or
- Attending a public meeting (see below for details).

Invitation to a public meeting on Wednesday, 27 July 2011

An open house and public meeting will be held on Wednesday, 27 July 2011 at the Indawo Game Reserve, near Camden power station. The purpose of the public meeting will be to present the outcomes of the scoping process, and to allow discussions around those outcomes and to make recommendations which will be taken into the Scoping and Impact EIA phase. Our technical experts and Eskom officials will be available during the Open House for discussions regarding this project.

Please fill in the enclosed form and return it by **Friday, 22 July 2011**. This will allow us to send you an electronic copy of the DSR in advance. The details of the public meeting are:

Date: Wednesday, 27 July 2011

Time: Open House **16:00 to 17:30**

Public meeting **18:00 to 20:00**

Venue: Indawo Game Reserve

(The venue is on the N2 between Ermelo and Piet Retief, about 3 km south-east of the Camden Power Station)

Kindly send your reply to Anelle Lötter or Florence Rambuda at the Public Participation Office on fax number 086-676-9950 or e-mail to alotter@zitholele.co.za / florencer@zitholele.co.za. You are also welcome to contact Zitholele Consulting on (011) 207-2076 or (011) 207- 2075.

This assessment is being conducted on behalf of Eskom.

Yours sincerely



Anelle Lötter
Public Participation Office



Zitholele Consulting (Edms) Bpk
Reg. No. 2000/000392/07
Posbus 6002, Halfway House, 1685
Suid-Afrika
Thandanani Park, Matuka Close
Halfway Gardens, Midrand
Tel: 011 207 2060
Faks: 086 676 9950
E-pos: mail@zitholele.co.za

11 Julie 2011

Geagte Belanghebbende

VOORGESTELDE UITBREIDING VAN ASWEGDOENFASILITEITE EN GEPAARDGAANDE INFRASTRUKTUUR BY DIE CAMDEN-KRAGSTASIE – DOS-VERWYSING: 12/12/20/2300

Konsep-Omvangbepalingsverslag beskikbaar vir openbare kommentaar en 'n uitnodiging na 'n openbare vergadering om die voorgestelde projek te bespreek

'n Geïntegreerde Omgewingsimpakbepaling (OIB) en Aansoek vir 'n Afvalbestuurslisensie (AABL) word gedoen vir die voorgestelde uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie naby Ermelo in Mpumalanga.

Onlangse studies toon dat die huidige aswegdoenfasiliteite nie al die as vir die oorblywende bedryfslewe van die Camden-kragstasie, wat in 2033 ten einde loop, sal kan hanteer nie. Daar is vasgestel dat die kragstasie teen 2014 'n bykomende aswegdoenfasilitet sal moet kry, en hierdie ondersoek word gedoen vir die vereiste omgewingsondersoek- en magtigingsprosesse vir hierdie voorstel.

Kennisgewingsbrieke en 'n agtergrondinligtingsdokument is in Mei 2011 versprei en terreinkennisgewings is aangebring om belanghebbendes in kennis te stel van hierdie omgewingsbepalingsproses en die goedkeurings wat vereis word. Op grond van die terugvoer wat tot dusver ontvang is, is 'n Konsep-Omvangbepalingsverslag opgestel, wat vir openbare insae en kommentaar beskikbaar gestel sal word.

Beskikbaarheid van Konsep-Omvangbepalingsverslag vir openbare insae van 18 Julie tot 22 Augustus 2011

In ooreenstemming met die OIB-regulasies is een van die oogmerke van 'n omvangbepalingsproses om kwessies rakende 'n projek te identifiseer. Dit bied ook aan die publiek 'n geleentheid om kommentaar te lewer, kwessies en kwellings rakende die aktiwiteit en/of alternatiewe te identifiseer en maniere voor te stel om negatiewe impakte van 'n aktiwiteit te vermy, te verminder of te versag en positiewe impakte te vergroot.

Kwessies en kwellings wat deur die publiek geopper word, saam met kwessies wat deur die tegniese omgewingspesialiste geïdentifiseer word, sal gebruik word om die Opdrag vir die Spesialisstudies te definieer wat gedurende die Impakbepalingsfase van die OIB gedoen sal word.

Die Konsep-Omvangbepalingsverslag (KOV) stel Belanghebbende en Geaffekteerde Partye (B&GP's) ook in staat om seker te maak dat hulle bydraes opgeneem is en korrek verstaan word.

Die KOV sal van **18 Julie tot 22 Augustus 2011** beskikbaar wees vir insae deur die publiek. Daarna sal die verslag bygewerk word en aan die verantwoordelike owerheid vir die OIB en AABL, die nasionale Departement van Omgewingsake (DOS), voorgelê word.

Die verslag sal vanaf 18 Julie 2011 op die volgende plekke ter insae beskikbaar wees:

Kontak	Plek	Kontak
Gedrukte Eksemplare		
Mnr Stanley Dondolo	Ermelo Openbare Biblioteek	017 801 3621
Me Thandiwe Mzoyi	Camden-kragstasie	017 827 8000
Elektroniese Weergawes		
Mnr Tobile Bokwe	www.eskom.co.za/eia Camden ash disposal	011 800 2303
Mnr André Joubert	www.zitholele.co.za/camden-power-station	011 207 2077
Mnr André Joubert	Op CD verkrybaar van Zitholele Consulting op aanvraag per e-pos	Telefoon 011 207 2077, of stuur 'n e-posversoek aan andrej@zitholele.co.za , of vul bygaande vorm in.

U word versoek om op enige van die volgende maniere op die KOV kommentaar te lewer:

- Vul die bygaande kommentaarblad in;
- Skryf 'n brief, of lewer bykomende skriftelike voorleggings;
- Stuur 'n e-pos of skakel die kantoor vir openbare deelname; of
- Woon 'n openbare vergadering by (kyk hieronder vir besonderhede).

Uitnodiging na 'n openbare vergadering op Woensdag, 27 Julie 2011

'n Oop huis en openbare vergadering sal op Woensdag, 27 Julie 2011 gehou word by die Indawo-wildreservaat naby die Camden-kragstasie. Die doel van die openbare vergadering is om die uitkomste van die omvangbepalingsproses voor te hou en om geleentheid te gee vir besprekings oor daardie uitkomste en om aanbevelings te doen wat na die Omvangbepalings- en Impakfases van die OIB geneem sal word. Ons tegniese deskundiges en Eskom-beamptes sal gedurende die Oop Huis beskikbaar wees vir samesprekings rakende hierdie projek.

Vul asb die bygaande vorm in en stuur dit terug teen **Vrydag, 22 Julie 2011**. Dit sal ons in staat stel om vooraf vir u 'n elektroniese eksemplaar van die KOV te stuur. Die besonderhede van die openbare vergadering is:

Datum: Woensdag, 27 Julie 2011

Tyd: Oop Huis **16:00 tot 17:30**

Openbare vergadering **18:00 tot 20:00**

Plek: Indawo-wildreservaat

(Die plek is op die N2 tussen Ermelo en Piet Retief, ongeveer 3 km suidoos van die Camden-kragstasie)

Stuur asb u antwoord aan Anelle Lötter of Florence Rambuda by die Kantoor vir Openbare Deelname by faksnommer 086 676 9950 of e-pos aan alotter@zitholele.co.za / floencer@zitholele.co.za. U kan Zitholele Consulting ook skakel by 011 207 2076 of 011 207 2075.

Hierdie bepaling word namens Eskom gedoen.

Met vriendelike groete



Anelle Lötter

Kantoor vir Openbare Deelname

**Environmental Impact Assessment and
Waste Management License Application for a
proposed extension of ash disposal facilities
at Camden Power Station**

DEA REF NO: 12/12/20/2300

COMMENT SHEET ON THE DRAFT SCOPING REPORT

Available for public review from 18 July to 22 August 2011

EIA Public Participation Office

Anelle Lötter/Florence Rambuda
Zitholele Consulting (Pty) Ltd
P O Box 6002, Halfway House, 1685
Tel: (011) 207 2076/2075
Fax: 086-676-9950
Email: alotter@zitholele.co.za or
floencer@zitholele.co.za

Please complete by 22 August 2011, and return to the Public Participation Office (as above)

TITLE		FIRST NAME		
INITIALS		SURNAME		
ORGANISATION (Please do not use any acronyms)				
ADDRESS				POSTAL CODE
TEL NO		FAX NO		
CELL		EMAIL		
SIGNATURE		Farm name and portion number if you are a directly affected landowner		
DATE				

COMMENTS (Please use separate sheets if necessary)

1. Have your questions, concerns, issues and suggestions been captured? If not, please indicate below.

.....
.....
.....

2. Of the issues already covered, do you wish to add additional aspects that have not yet been mentioned?

.....
.....
.....

3. Please tell us, did you find the Draft Scoping Report useful? Please indicate below.

YES, USEFUL	
NEED IMPROVEMENT	
NO, NOT USEFUL	

Please tell us why:

.....
.....
.....

4. Any other comments you may have:

.....
.....

THANK YOU FOR YOUR CONTRIBUTION

**Environmental Impact Assessment and
Waste Management License Application for a
proposed extension of ash disposal facilities
at Camden Power Station**

DEA REF NO: 12/12/20/2300

**Reply sheet to receive the Draft Scoping Report and
to attend a public meeting on 27 July 2011**

EIA Public Participation Office

Anelle Lötter/Florence Rambuda

Zitholele Consulting (Pty) Ltd

P O Box 6002, Halfway House, 1685

Tel: (011) 207 2076/2075

Fax: 086-676-9950

Email: alotter@zitholele.co.za or

floencer@zitholele.co.za

Please complete by 22 July 2011 and return to the EIA Public Participation Office (as above)

TITLE		FIRST NAME	
INITIALS		SURNAME	
ORGANISATION		EMAIL	
POSTAL ADDRESS			
		POSTAL CODE	
TEL NO		FAX NO	

REGISTRATION TO RECEIVE THE DRAFT SCOPING REPORT AND/OR TO ATTEND THE PUBLIC MEETING

DRAFT SCOPING REPORT

I would like to receive a copy of the Draft Scoping Report (please circle the appropriate block)

Per email	<input type="checkbox"/>	YES	NO
CD by mail	<input type="checkbox"/>	YES	NO

OPEN HOUSE AND PUBLIC MEETING

I would like to attend the open house and public meeting (please circle the appropriate block)

I will attend the Open House (16:00 to 17:30) and Public Meeting (18:00 to 20:00) on Wednesday, 27 July 2011 at Indawo Game Reserve	<input type="checkbox"/>	YES	NO
--	--------------------------	------------	-----------

COMMENTS (please use separate sheets if you wish)

Any comments you may have at this stage:

Please ask the following of my colleagues/friends to register as I&APs for this project:

Omgewingsimpakbepaling en Aansoek vir Afvalbestuurslisensie vir 'n voorgestelde uitbreiding van aswegdoenfasiliteite by die Camden-kragstasie
DOS-VERWYSING: 12/12/20/2300

Antwoordblad om die Konsep-Omvangbepalingsverslag te ontvang en 'n openbare vergadering op 27 Julie 2011 by te woon

OIB-Kantoor vir Openbare Deelname
Anelle Lötter/Florence Rambuda
Zitholele Consulting (Edms) Bpk
Posbus 6002, Halfway House, 1685
Tel: 011 207 2076/2075
Faks: 086 676 9950
E-pos: alotter@zitholele.co.za of floencer@zitholele.co.za

Vul asb in en stuur teen 22 Julie 2011 terug aan die OIB-Kantoor vir Openbare Deelname (soos hierbo)

TITEL		VOORNAAM	
VOORLETTERS		VAN	
ORGANISASIE		E-POS	
POSADRES			
		POSKODE	
TEL NO		FAKS NO	

REGISTRASIE OM DIE KONSEP-OMVANGBEPALINGSVERSLAG TE ONTVANG EN/OF OM DIE OPENBARE VERGADERING BY TE WOON

KONSEP-OMVANGBEPALINGSVERSLAG

Ek wil graag 'n eksemplaar van die Konsep-Omvangbepalingsverslag ontvang (Omkring asb die toepaslike blokkie)

Per e-pos	JA	NEE
CD per pos	JA	NEE

OOP HUIS EN OPENBARE VERGADERING

Ek wil graag die Oop Huis en openbare vergadering bywoon (Omkring asb die toepaslike blokkie)

Ek sal die Oop Huis (16:00 tot 17:30) en die Openbare Vergadering (18:00 tot 20:00) op Woensdag, 27 Julie 2011 by die Indawo-wildreservaat bywoon.	JA	NEE
--	----	-----

KOMMENTAAR (Gebruik asb afsonderlike velle indien nodig)

Enige kommentaar wat u in hierdie stadium het:

.....

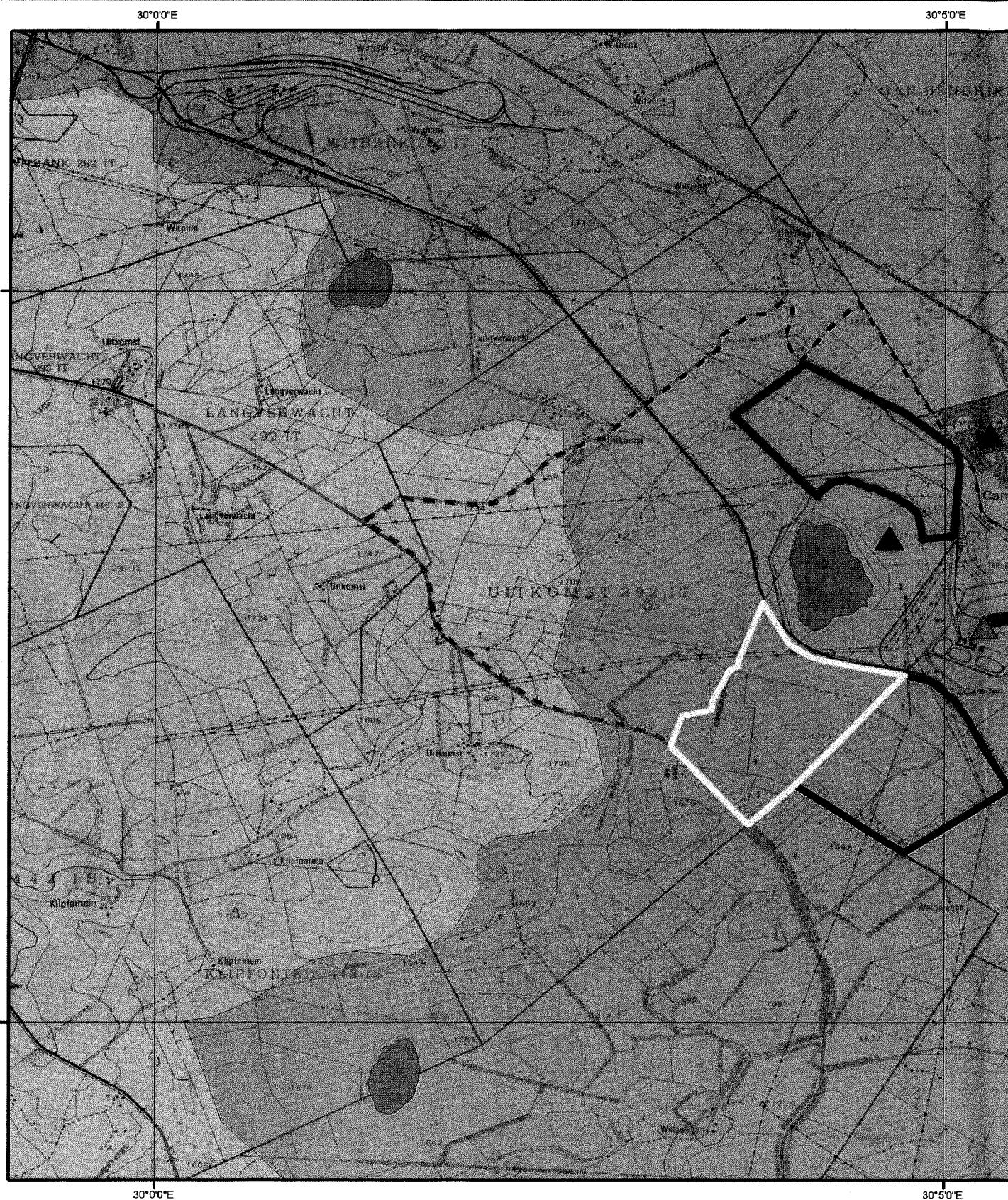
.....

Versoek asb die volgende van my kolgas/vriende om as B&GP's vir hierdie projek te regstreer:

.....

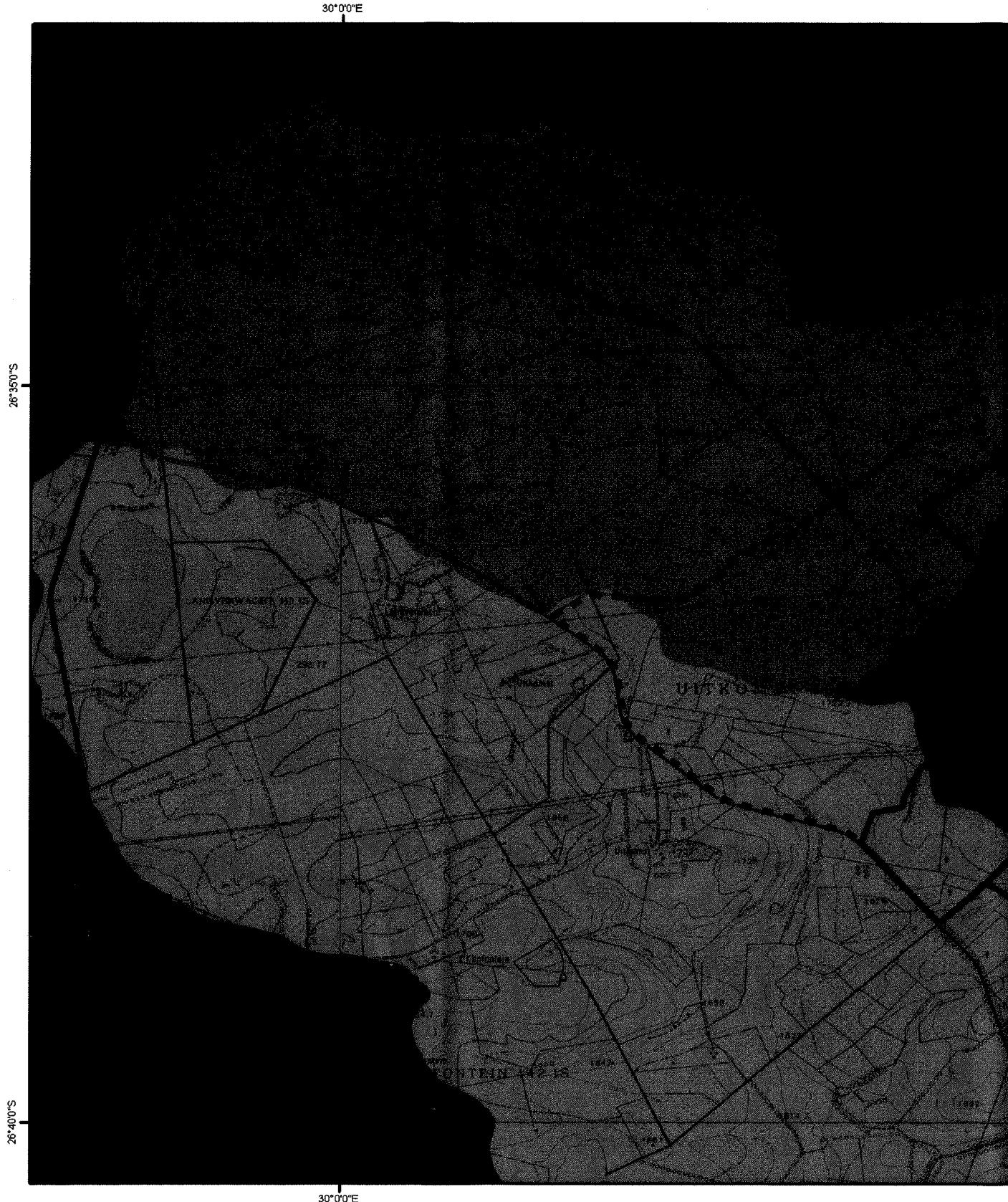
.....





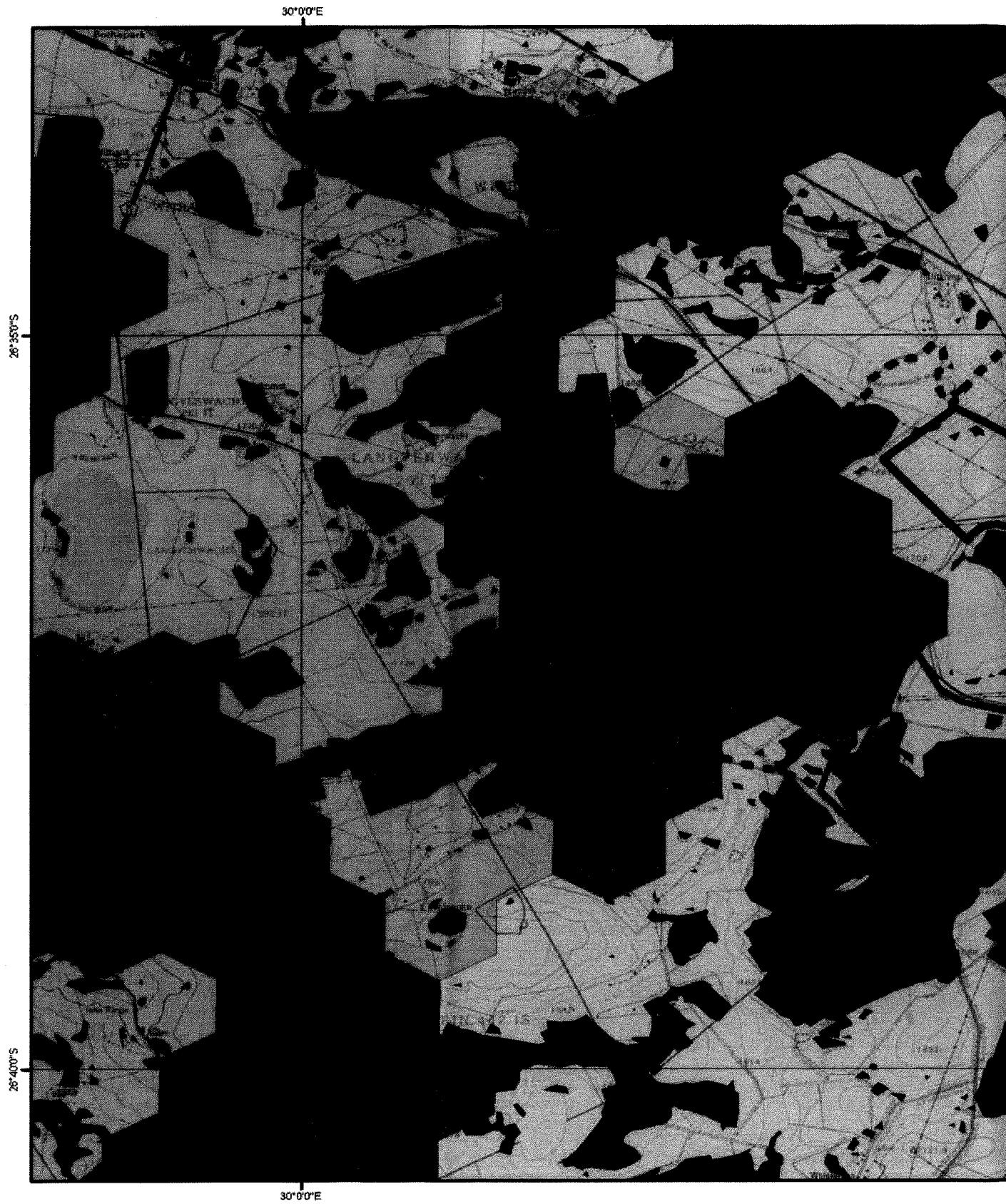
PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:
12670	Ver 1	2011/06/24	WGS 84 Hartebeesthoek	1:60,000	Topo Mapsheets Surveyor General Mpumulanga Biodiversity Data

Figure 4-8: Vegetati



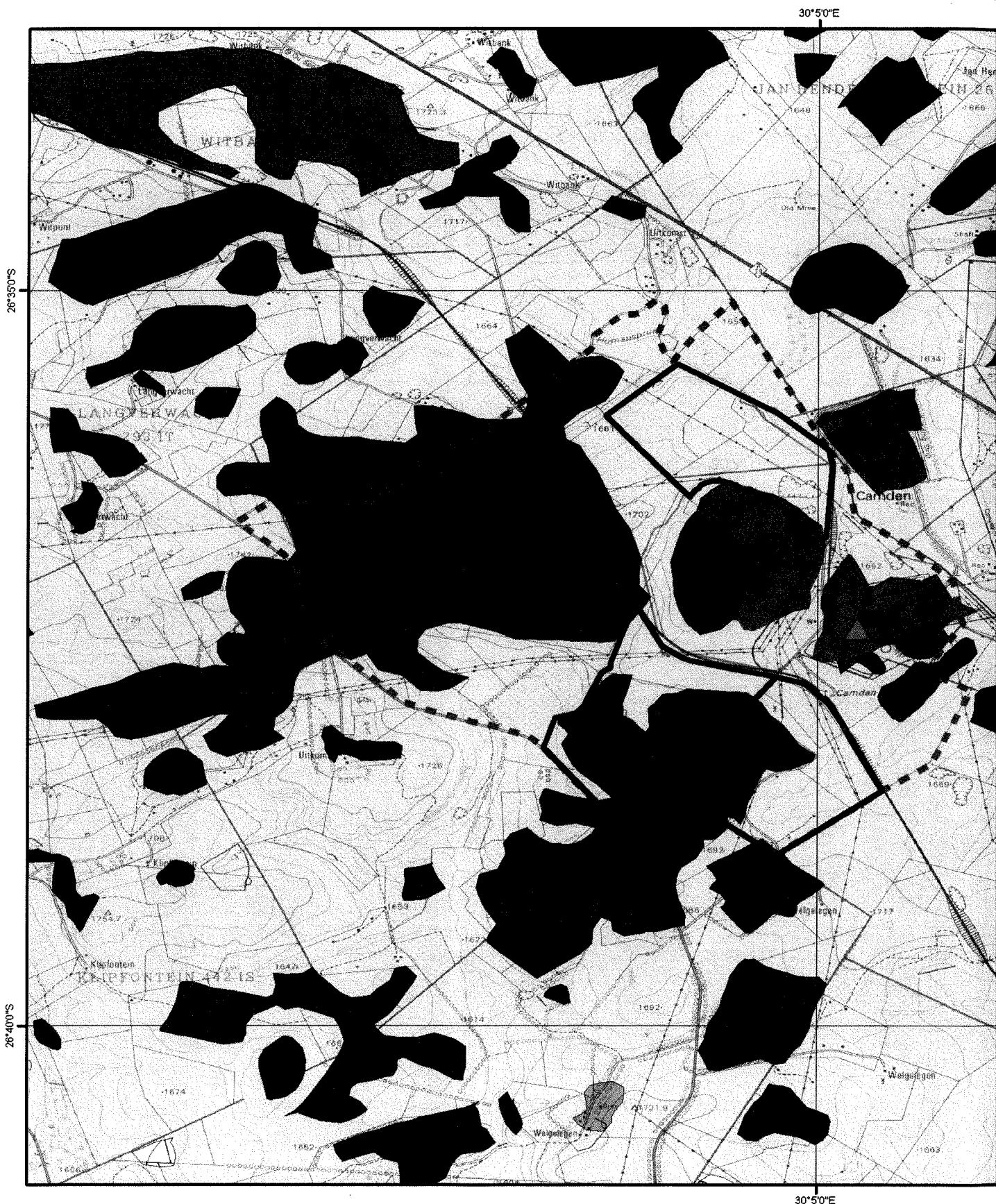
PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:	
ZITHOLELE CONSULTING	12670	Ver 1	2011/06/24 AUTHOR: K. Kruger	WGS 84 Hartebeesthoek	1:60,000	Topo Mapsheets Surveyor General Mpumulanga Biodiversity Data

Figure 4-7: Aquatic bi



ZITHOLE CONSULTING	PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:
	12670	Ver 1	2011/06/24 AUTHOR: K. Kruger	WGS 84 Hartebeesthoek	1:60,000	Topo Mapsheets Surveyor General Mpumulanga Biodiversity Data

Figure 4-6: Terrestrial I



PROJ CODE:
12670

REF NO:
Ver 1

DATE DRAWN: 2011/06/24
AUTHOR: K. Kruger

PROJECTION:
WGS 84
Hartebeesthoek

SCALE:
1:60,000

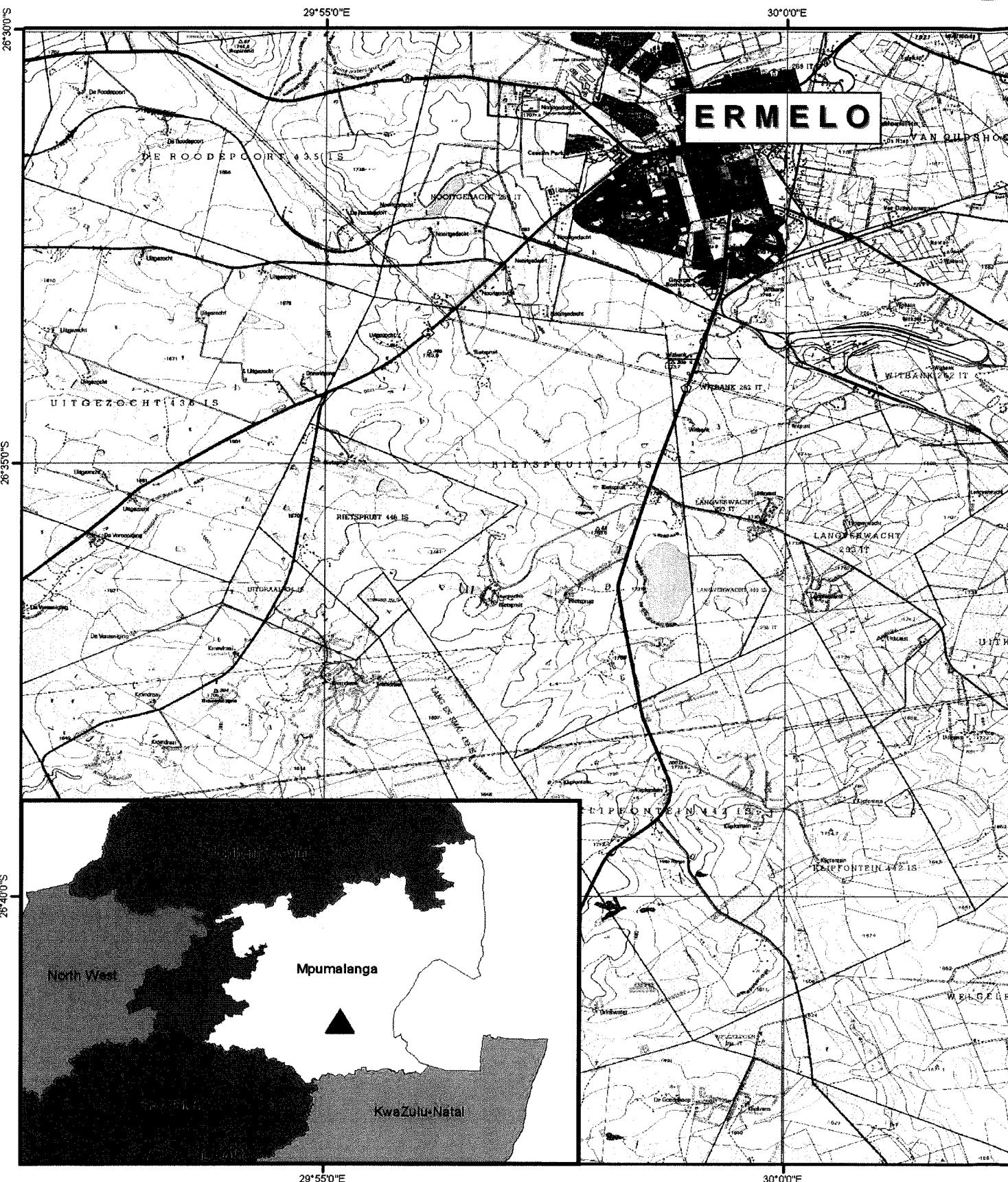
DATA SOURCES:
Topo Mapsheets
Surveyor General
Site Selection Workshop

Figure 4-4: L



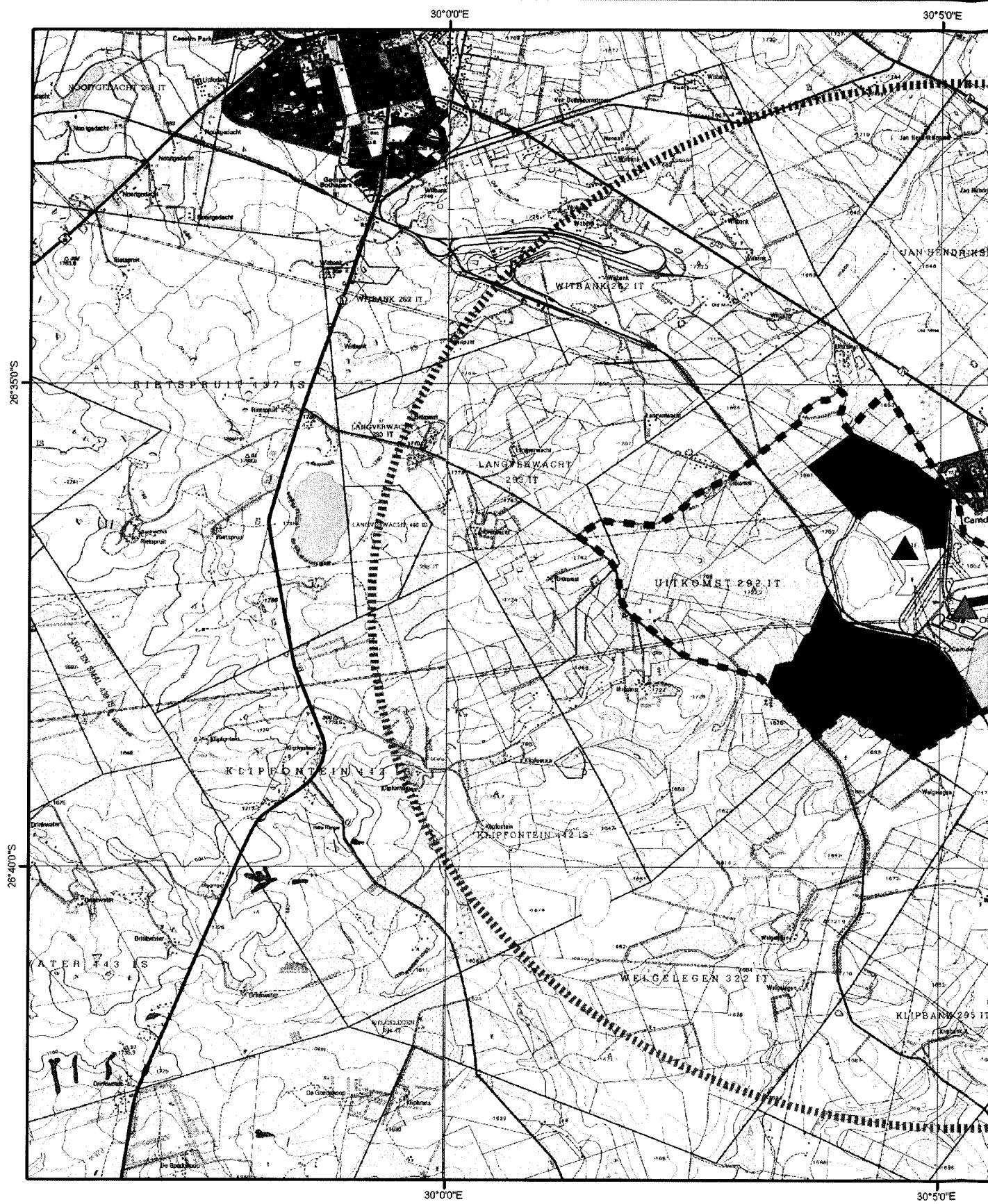
ZITHOLE CONSULTING	PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:
	12670	Ver 1	2011/06/24	WGS 84 Hartebeesthoek	1:50,000	Topo Mapsheets Surveyor General Site Selection Workshop

Figure 4-3: Surface water and



ZITHOLELE CONSULTING	PROJ CODE: 12670	REF NO: Ver 1	DATE DRAWN: 2011/06/24	PROJECTION: WGS 84 Hartebeesthoek	SCALE: 1:100,000	DATA SOURCES: Topo Mapsheets Surveyor General Site Selection Workshop
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Figure 3-1: C

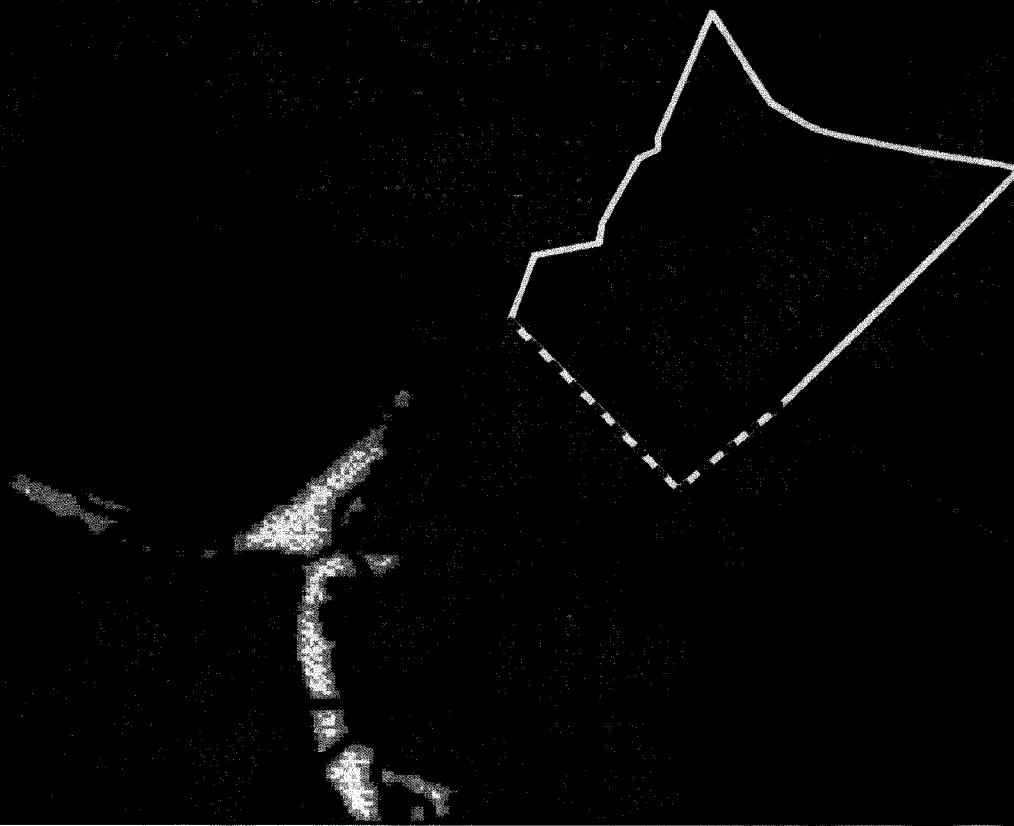


PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:
12670	Ver 1	2011/06/24	WGS 84 Hartebeesthoek	1:90,830	Topo Mapsheets Surveyor General Site Selection Workshop

Figure 3-6: Locality of t1

26°35'0"S

Sandstone



ZITHOLELE CONSULTING	PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:
	12670	Ver 1	2011/06/24	WGS 84 Hartebeesthoek	1:40,000	Topo Mapsheets Surveyor General Site Selection Workshop

Figure 4-1: Regional G



ZITHOLELE CONSULTING	PROJ CODE:	REF NO:	DATE DRAWN:	PROJECTION:	SCALE:	DATA SOURCES:
	12670	Ver 1	2011/06/24	WGS 84 Hartebeesthoek	1:50,000	Topo MapSheets Surveyor General Site Selection Workshop

Figure 4-2: Topograph



ZITHOLELE C O U N S I L T Y I N G	PROJ CODE:	REF NO:	DATE DRAWN: 2011/06/24	PROJECTION:	SCALE:	DATA SOURCES:
	12670	Ver 1	AUTHOR: K. Kruger	WGS 84 Hartebeesthoek	1:60,000	Topo Mapsheets Surveyor General Mpumulanga Biodiversity Data

Figure 4-9: Infra

