

**APPENDIX E – ORIGINAL EA (GAUT: 002/09-10/N0227) &
BASIC ASSESSMENT REPORT**



DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Diamond Corner Building, 68 Eloff & Market Street, Johannesburg
P.O. Box 8769, Johannesburg, 2000

Telephone: (011) 355-1900

Fax: (011) 337-1860

Reference:	Gaut:002/09-10/N0227
Enquiries:	Aristotelis Kapsosideris
Telephone:	((011) 355 - 1891
Email:	Aristotelis.Kapsosideris@gauteng.gov.za

CSIR Satellite Application Center
P.O. Box 395
Pretoria
0001

Attn: Raul C. Hodges

Fax: (012) 334 - 5000/5118

Tel: (012) 334 - 5001

GDARD
Office of the EOD

10 -09- 2 2

0 0 4 5

PER FACSIMILE/REGISTERED MAIL

Dear Sir,

**ENVIRONMENTAL AUTHORISATION GRANTED: PROPOSED DEVELOPMENT AND
INSTALLATION OF SATELLITE ANTENNAE AT THE CSIR SATELLITE
APPLICATIONS CENTRE ON FARM HARTEBEESESTHOEK 502 JQ, MOGALE CITY
LOCAL MUNICIPALITY**

With reference to the above-mentioned application, please be advised that the Department has decided to grant the authorisation. The environmental authorisation and reasons for the decision are attached herewith.

In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2006, you are instructed to notify all registered interested and affected parties, in writing and within 10 calendar days of the date of this letter, of the Department's decision in respect of your application as well as the provisions regarding the making of appeals that are provided for in the Regulations.

Your attention is drawn to Chapter 7 of the Regulations which regulates appeal procedures. Should you wish to appeal any aspect of the decision, you must, *inter alia*, lodge a notice of intention to appeal with the MEC, within 10 days of the date of this letter, by means of one of the following methods:

By facsimile: (011) 333 - 0620;
By post: P.O. Box 8769, Johannesburg 2000; or
By hand: 16th Floor, Diamond Corner Building, 68 Eloff Street, Johannesburg.

Should you decide to appeal, you must serve a copy of your notice of intention to appeal on all registered interested and affected parties as well as a notice indicating where, and for what period, the appeal submission will be available for inspection.

Yours faithfully;


Advocate John Nesidoni
Acting Head: Agriculture and Rural Development
Date: 22/09/2010

Cc: Tswelopele Environmental (Pty) Limited

Attn: Margaret Sabiti
Tel: (011) 789 - 7170
Fax: (086) 691 - 0048

Mogale City Local Municipality

Attn: Koogan Naidoo
Tel: (011) 660 - 8757
Fax: (011) 660 - 1507

GDARD Compliance & Enforcement
Branch

Attn: Environmental Compliance Monitoring Unit
Tel: (011) 355 - 1900
Fax: (011) 355 - 1850

GDARD
Office of the EOD

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ENVIRONMENTAL AUTHORISATION

Authorisation number	Register	Gaut:002/09-10/N0227
Holder of authorisation:		CSIR
Location of activity:		Proposed development and installation of satellite antennae at the CSIR Satellite Applications Centre on the farm Hartebeesthoek 502 JQ, Mogale City Local Municipality

BOARD
Office of the EOD

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Annexure 1: Reasons for Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation to authorise only the development and installation of satellite antennae at the CSIR Satellite Application Centre on farm Hartebeesesthoek 502 JQ, Mogale City Local Municipality.

Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment Regulations, 2006, the Department hereby authorises, Raoul C. Hodges with the following contact details –

CSIR Satellite Applications Center
P.O. Box 395
Pretoria
0001

Attn: Raoul C. Hodges
Fax: (012) 334 - 5001
Tel: (012) 334 - 5000/5118

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OFFICE OF THE MOD
10 -09-2 2 0 0 4 5

To undertake the following activity - "The development and installation of satellite antennae at the CSIR Applications Centre on the farm Hartebeesthoek 502 JQ." The total size of the area measures approximately 3186,9 hectares in extent.

The granting of this environmental authorisation is subject to the conditions set out below.

Conditions

Scope of authorisation

- 1.1 Authorisation of the activity is subject to the conditions contained in this authorisation, which conditions form part of the environmental authorisation and are binding on the holder of the authorisation.
- 1.2 The holder of the authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the authorisation.
- 1.3 The activity which is authorised may only be carried out at the property indicated above.
- 1.4 Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.
- 1.5 This activity must commence within a period of two (2) years from the date of issue. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.

- 1.6 This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

Appeal of authorisation

- 1.7 The holder of the authorisation must notify every registered interested and affected party, in writing and within ten (10) calendar days of receiving notice of the Department's decision to authorise the activity.
- 1.8 The notification referred to in 1.7 must:
- 1.8.1 Specify the date on which the authorisation was issued;
 - 1.8.2 Inform the interested and affected parties of the appeal procedure provided for in Chapter 7 of the regulations; and
 - 1.8.3 Advise the interested and affected parties that a copy of the authorisation and reasons for the decision will be furnished on request

Management of the activity

- 1.9 The Environmental Management Plan (EMP) submitted to the Department as part of the application for authorisation is hereby approved and must be stringently implemented.
- 1.10 The EMP must be available on site during the installation phase of the satellite antennae. The EMP must, *inter alia*, deal the following mitigation measures:
- 1.10.1 Rehabilitation of all areas affected once the construction activities are complete.
 - 1.10.2 Provision of sufficient waste bins and the removal of construction rubble to a registered landfill site.
- 1.11 Existing indigenous flora (trees and/or vegetation) must as far as possible be retained on the site and be used for rehabilitation purposes.
- 1.12 An on-going monitoring and eradication programme for all invasive and weedy plant species growing within the construction footprint must be implemented. Proof of implementation must form part of the post construction rehabilitation report.

Monitoring Recording and Reporting to the Department

- 1.13 An Independent Environmental Control Officer (ECO) must be appointed to oversee all construction activities taking place on the site. The name and details of the appointed person must be submitted to the Department before any construction activities are commenced with.
- 1.14 The ECO must record and report any environmental incident that emanates from the site during the construction period.
- 1.15 The ECO must ensure, *inter alia*, that the holder of the authorisation submits the following reports to the Department once the construction activities have been completed:
- 1.15.1 The environmental audit report that will highlight:
 - Waste management measure taken during the construction phase. These measures must include re-use, recycling, storage, collection, transportation and the ultimate disposal of waste generated on the site at a registered landfill site; and
 - Any case of non-compliance with this authorisation if at all.
 - 1.15.2 The post construction rehabilitation report that will highlight:
 - Rehabilitation measures adopted to rehabilitate the construction footprint.

- Rehabilitation of natural vegetation in accordance with a rehabilitation plan compiled by a specialist registered in terms of the Natural Scientific Professions Act (No. 27 of 2003) in the field of Ecological Science.
- Colour photographs showing the rehabilitated area.

Commissioning of the activity

- 1.16 Fourteen (14) days written notice must be given to the Local Authority and adjacent land owners that activities will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.

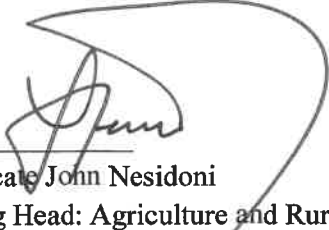
General

- 1.17 A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
- 1.18 Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/ or telephonic details, the applicant must notify the Department as soon as the new details become known to the applicant.
- 1.19 The holder of the authorisation must notify the Department, in writing and within 72 hours if conditions of this authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
- 1.20 Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the regulations.

Specific Conditions

- 1.21 The proposed development is situated within the Cradle of Human Kind World Heritage Site and authorisation through NEMPA must be obtained and submitted to the Department.
- 1.22 Should any archeological material be discovered during the construction and operational phases, the process must be stopped immediately and SAHRA must be informed.
- 1.23 All construction rubble and any other waste must be removed to a registered landfill site; proof thereof must be made available.
- 1.24 Proper fire management systems must be in place to reduce the threat of fire and enable adequate fire extinguishing where fires may occur.

Date of environmental authorisation: 22/09/2010


Advocate John Nesidoni
Acting Head: Agriculture and Rural development

GDARD
Office of the EOD
10 -09-2 2 0045

Annexure 1: Reasons for Decision

1. Background

The applicant, Raoul C Hodges applied for authorisation to install a satellite antenna at the CSIR Applications Centre. The property measures approximately 3186,9 hectares in extent.

The applicant Raoul C. Hodges appointed Tswelopele Environmental (Pty) Ltd to undertake a Basic Assessment process.

2. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The information contained in the:
 - Basic Assessment Report received by the Department on 21 May 2010.
 - Information provided in a meeting with the applicant on 7 June 2010.
 - Further correspondence received from the applicant on 25 June 2010.
- b) Relevant information contained in the Departmental information base including -
 - Gauteng Open Space Project (GOSP 3); and
 - Gauteng Conservation Plan Version 2.1.
 - The principles contained in Section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998).
- c) The correspondence in the e-mail received from the Applicant and findings of the site inspection conducted by Frank Mafa of this Department on 7 June 2010.

3. Key factors considered in making the decision

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

- a) The current zoning and use of the site.
- b) The environmental attributes of the site.
- c) The size of the area to be affected by the new satellite antennae.

4. Findings

After consideration of the information and factors listed above, the Department came to the conclusion that the activity will not have significant impacts on the environment and that potential significant impacts as they may occur can be mitigated to acceptable standards.

- a) The adjacent area is already been used for similar activities (i.e. satellite applications).
- b) The proposed site has no significant environmental sensitivities.
- c) Only a small portion of the site will be affected by the proposed activities.

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MAGALIE MOG
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In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the proposed activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the proposed activity can be mitigated to acceptable levels. Authorisation for this application is accordingly granted.

GOARD
Chief of the EOD
10 -09- 2 2 0 0 4 5

CSIR Satellite Applications Centre



our future through science

CSIR Satellite Applications Centre

Submitted to:
GAUTENG DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT
GAUT 002/09-10/N0227

COMPILED BY:
Tswelopele Environmental (Pty) Ltd
PO Box 709
Sanlam Centre
Randburg
2125

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DATE: March 2010

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**Gauteng Department of Agriculture,
Conservation and Environment**

**Basic Assessment Report in terms of the National
Environmental Management Act, 1998 (Act No. 107 of
1998), as amended, and the Environmental Impact
Assessment Regulations, 2006 (Version 1)**

Kindly note that:

1. This **Basic Assessment Report** is the standard report required by GDACE in terms of the EIA Regulations, 2006 and must be submitted together with the application form.
2. This application form is current as of 26 June 2006. It is the responsibility of the EAP to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
3. The report must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
4. Selected boxes must be indicated by a cross and, when the form is completed electronically, must also be highlighted.
5. An incomplete report may be returned to the applicant for revision.
6. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the regulations.
7. Five (5) copies of this report and attachments must be handed in at offices of the relevant competent authority, as detailed below.
8. No faxed or e-mailed reports will be accepted. Only hand delivered or posted applications will be accepted.
9. Unless protected by law, and clearly indicated as such, all information filled in on this application will become public information on receipt by the competent authority. The applicant/EAP must provide any interested and affected party with the information contained in this application on request, during any stage of the application process.

DEPARTMENTAL DETAILS

Gauteng Department of Agriculture Conservation and Environment
Attention: Administrative Unit of the Sustainable Utilisation of the Environment (SUE) Branch
P.O. Box 8769
Johannesburg
2000

Administrative Unit of the Sustainable Utilisation of the Environment (SUE) Branch
18th floor Glen Cairn Building
73 Market Street, Johannesburg

Admin Unit telephone number: (011) 355 1345

Department central telephone number: (011) 355 1900 ~~for~~ (011) 240-2500

Admin: (011) 240-3366

Miranda (miranda.mhlongo@gauteng.gov.za.)

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

(For official use only)

File Reference Number:

Application Number:

Date Received:

SECTION A: ACTIVITY INFORMATION

1. ACTIVITY DESCRIPTION

Project title (must be the same name as per application form):

Development and installation of satellite antennae at the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ

Select the appropriate box

The application is for an upgrade of an existing development

The application is for a new development

Other, specify

Describe the activity and associated infrastructure, which is being applied for, in detail

The proposed development involves the installation of several new satellite antennae of about 21 metres in height to service the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ within Mogale City Local Municipality in Gauteng Province. The CSIR satellite Centre function to acquire, process and distribute data from many satellite sensors in Africa.

Future activities that will take place on the above mentioned Farm will consist of the following:-

- Installation of several new satellite antennae greater/less than 21 metres in height.
- Construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting and radio transmission.
- Construction of new buildings in Farm Hartebeesthoek 502 JQ within Mogale Local Municipality for offices and tracking laboratories.
- Construction of new internal service roads with width exceeding 4 metres.
- New ducting for electrical and signal cables and water supply to new and existing infrastructure.
- Construction of storm water drainage system

Based on the project description, the proposed development constitutes the listed activities in terms of the National Environmental Management Act [NEMA] (Act No. 107 of 1998) Government Notice 386 of April 2006.

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

2. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

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

Title of legislation, policy or guideline:	Administering authority:	Promulgation Date:
National Environmental Management Act, 1998 (Act No. 107 of 1998):	National & Provincial	27 November 1998
<p>GN 386 of 21 April 2006</p> <p>Sections 24 (2)(a) and (d) of NEMA, 1998 (Act No. 107 of 1998), as described in regulations 22 to 26 of the EIA regulations , 2006, promulgated in terms of section 24(5) of the Act includes the following activities:</p> <p>14) The construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting or radio transmission, but excluding:</p> <ul style="list-style-type: none"> - mast of 15 metres and lower exclusively used by radio amateurs or for lighting purposes - flag poles - Lightning conductor poles <p>15) "The construction of a road that is wider than 4 meters or that has a reserve wider than 6 meters, excluding roads that fall within the ambit of another listed activity or which are access roads of less than 30 meters long.</p> <p>17) Phased development activities where any one phase of the development may be below a threshold specified in this notice but where a combination of the development phases, including expansions or extensions, will exceed a specified threshold</p>	Gauteng Department of Agriculture, Conservation and Environment (GDACE)	21 April 2006

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

<p>Integrated Environmental Management: Integrated Environmental Management (IEM) is a philosophy, which prescribes a code of practice for ensuring that environmental considerations are fully integrated into all stages of the development process. This philosophy aims to achieve a desirable balance between conservation and development (Department of Environmental Affairs: DEAT, 1992). The IEM guidelines intend endearing a pro-active approach to sourcing, collating and presenting information at a level that can be interpreted at all levels.</p>	Department of Environmental Affairs and Tourism (DEAT).	1992
<p>National Heritage Resource Act, 1999 (Act No. 25 of 1999):</p> <p>38. (1) Subject to the provisions of subsections (7), (8) and (9), any person who intends to undertake a development categorised as the construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier exceeding 300m in length</p>	South African Heritage Resources Association (SAHRA)	1999

3. ALTERNATIVES

Describe the proposal and alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished. The determination of whether the site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. The no-go option must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. Do not include the no go option into the alternative table below.

Note: After receipt of this report the competent authority may also request the applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

Provide a description of the alternatives considered

No.	Alternative type, either alternative: site on property, properties, activity, design, technology, operational or other(provide details of "other")	Description
1	Alternative design 1 (Preferred alternative)	<p>Future activities that will take place on the above mentioned Farm will consist of the following:-</p> <ul style="list-style-type: none"> • Installation of several new satellite antennae greater/less than 21 metres in height. • Construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting and radio transmission. • Construction of new buildings for offices and tracking laboratories. • Construction of new internal service roads with width exceeding 4 metres. • New ducting for electrical and signal cables and water supply to new and existing infrastructure. • Construction of storm water drainage from new buildings to the existing ones.
2	Alternative layout	N/A

NOTE: The numbering in the above table must be consistently applied throughout the application report and process

4. PHYSICAL SIZE OF THE ACTIVITY

Indicate the total physical size (footprint) of the proposal as well as alternatives. Footprints are to include all new infrastructure (roads, services etc), impermeable surfaces and landscaped areas:

Alternative:

Alternative 1(Proposed activity)

Farm
Hartebeesthoek
502JQ

Size of the activity:

4500ha

3186.9 ha

Alternative 2 (if any)

Farm
Hartebeesthoek
502 JQ

Alternative 3 (if any)

Ha/ m²

or, for linear activities:

Alternative:

Length of the activity:

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

Alternative 1 (Proposed activity)
 Alternative 2 (if any)
 Alternative 3 (if any)

m/km

Indicate the size of the site(s) or servitudes (within which the above footprints will occur):

Alternative:
 Alternative 1 (Proposed activity)
 Alternative 2 (if any)
 Alternative 3 (if any)

Size of the site/servitude:

Ha/m²

5. SITE ACCESS

Alternative 1 (Proposal)

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

YES	NO
X	
m	

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

Describe the type of access road planned:

There is already ready access to the site but there will be construction of new internal service roads with width exceeding 4 metres.

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

access

Alternative 2

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

YES	NO
X	
m	

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

Describe the type of access road planned:

N/A

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

Alternative 3

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

YES	NO
m	

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

Describe the type of access road planned:

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

PLEASE NOTE: Points 6 to 8 of Section A must be duplicated where relevant for alternatives

Section A 6-8 has been duplicated

NONE	Number of times
------	-----------------

(only complete when applicable)

6. SITE OR ROUTE PLAN

A detailed site or route (for linear activities) plan(s) must be prepared for each alternative site or alternative activity. It must be attached as Appendix A to this document. The site or route plans must indicate the following:

- the scale of the plan, which must be at least a scale of 1:2000 (scale can not be larger than 1:2000 i.e. scale can not be 1:2500 but could where applicable be 1:1500)
- the property boundaries and numbers of all the properties within 50m of the site;
- the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- the exact position of each element of the application as well as any other structures on the site;
- the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, septic tanks, storm water infrastructure and telecommunication infrastructure;
- walls and fencing including details of the height and construction material;
- servitudes indicating the purpose of the servitude;
- sensitive environmental elements on and within 100m of the site or sites including (but not limited thereto):
 - Rivers and wetlands;
 - the 1:100 and 1:50 year flood line;
 - ridges;

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

- cultural and historical features;
- areas with indigenous vegetation (even if it is degraded or infested with alien species);
- for gentle slopes the 1m contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- the positions from where photographs of the site were taken.
- Where a watercourse is located on the site at least one cross section of the water course must be included (to allow the 32m position from the bank to be clearly indicated)

7. SITE PHOTOGRAPHS

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

8. FACILITY ILLUSTRATION

A detailed illustration of the activity must be provided at a scale of 1:200 for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity. To be attached in the appropriate Appendix.

SECTION B: DESCRIPTION OF RECEIVING ENVIRONMENT

Note: Complete Section B for the proposal

Further:

Instructions for completion of Section B for linear activities

- 1) For linear activities (pipelines etc) it may be necessary to complete Section B for each section of the site that has a significantly different environment.
- 2) Indicate on a plan(s) the different environments identified
- 3) Complete Section B for each of the above areas identified
- 4) Attach to this form in a chronological order
- 5) Each copy of Section B must clearly indicate the corresponding sections of the route at the top of the next page.

Section B has been duplicated for sections of the route times

Instructions for completion of Section B for location/route alternatives

- 1) For each location/route alternative identified the entire Section B needs to be completed
- 2) Each alternative location/route needs to be clearly indicated at the top of the next page
- 3) Attach the above documents in a chronological order

Section B has been duplicated for location/route alternatives times
(complete only when appropriate)

Instructions for completion of Section B when both location/route alternatives and linear activities are applicable for the application

Section B is to be completed and attachments order in the following way

- All significantly different environments identified for Alternative 2 is to be completed and attached in a chronological order; then
- all significantly different environments identified for Alternative 3 is to be completed and attached chronological order
- etc

Section B - Section of Route (complete only when appropriate for above)

Section B - Location/route Alternative No. (complete only when appropriate for above)

1. PROPERTY DESCRIPTION

Property description:

The farm of Hartebeesthoek 502JQ is located in northern Gauteng, just south of the Magaliesberg Nature Reserve. Its northern boundary incorporates the Witwatersberg Ridge and the provincial boundary with the North West Province. The portions of the property include:

- RE of portion 00000 Kafferskraal;
- RE of portion 00001 Hartebeesthoek;
- RE of portion 00002 Bultfontein;
- RE of portion 00003 Hartebeesthoek;
- RE of portion 00004 Dwarsvlei; and
- RE of portion 00005 Dwarsvlei;

The property is extensively large and the most important land use is Satellite Application Centre. It is accessed via the D400 roadway.

2. ACTIVITY POSITION

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

Alternative:
1

Latitude (S):	Longitude (E):

In the case of linear activities:

Alternative:

- Starting point of the activity
- Middle point of the activity
- End point of the activity

Latitude (S):	Longitude (E):
°	°
°	°
°	°

For route alternatives that are longer than 500m, please provide co-ordinates taken every 250 meters along the route and attached in the appropriate Appendix

Addendum of route alternatives attached

3. GRADIENT OF THE SITE

Indicate the general gradient of the site.

Flat	1:50 – 1:20 X	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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BASIC ASSESSMENT REPORT [REGULATION 23(1)]

4. LOCATION IN LANDSCAPE

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

Ridgeline	Plateau	Side slope of hill/ridge	Valley	Plain	Undulating plain/low hills X	River front
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5. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

a) Is the site located on any of the following?

Shallow water table (less than 1.5m deep)

Dolomite, sinkhole or doline areas

Seasonally wet soils (often close to water bodies)

Unstable rocky slopes or steep slopes with loose soil

Dispersive soils (soils that dissolve in water)

Soils with high clay content (clay fraction more than 40%)

Any other unstable soil or geological feature

An area sensitive to erosion

YES	NO X
YES	NO X
YES	NO X
YES	NO X
YES	NO X
YES	NO X
YES	NO X
YES	NO X

(Information in respect of the above will often be available at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by Geological Survey may also be used).

b) are any caves located on the site(s)

YES	NO X
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If yes to above provide location details in terms of latitude and longitude and indicate location on site or route map(s)

Latitude (S): Longitude (E):

c) are any caves located within a 300m radius of the site(s)

YES	NO X
-----	----------------

If yes to above provide location details in terms of latitude and longitude and indicate location on site or route map(s)

Latitude (S): Longitude (E):

d) are any sinkholes located within a 300m radius of the site(s)

YES	NO X
-----	----------------

If yes to above provide location details in terms of latitude and longitude and indicate location on site or route map(s)

Latitude (S): Longitude (E):

If any of the answers to the above are "YES" or "unsure", specialist input may be requested by the Department

6. AGRICULTURE

Does the site have high potential agricultural soils as contemplated in the Gauteng Agricultural Potential Atlas (GAPA)?

YES	NO X
-----	----------------

The agricultural potential was identified as low by the GIS Data Scan.

Please note: The Department may request specialist input/studies depending on the nature of the soil type and location of the site

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

7. GROUNDCOVER

To be noted that the location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Indicate the types of groundcover present on the site and include the estimated percentage found on site

Natural veld - good condition % =40	Natural veld with scattered aliens % = 40%	Natural veld with heavy alien infestation % =5	Veld dominated by alien species % =	Landscaped (vegetation) % =
Sport field % =	Cultivated land % =5%	Paved surface (hard landscaping) % =5%	Building or other structure % =5	Bare soil % =

Please note: The Department may request specialist input/studies depending on the nature of the groundcover and potential impact(s) of the proposed activity/ies.

Are there any rare or endangered flora or fauna species (including red list species) present on the site YES NO

If YES, specify and explain: Reg listed Bird species *Tyto capensis* and Butterfly species *Metisella meninx* (Marsh sylph). However the proposed development areas does not support any RDL or Orange listed floral species (Appendix G1: Ecological Study).

Are there any rare or endangered flora or fauna species (including red list species) present within a 200m (if within urban edge, May 2002) or within 600m (if outside the urban edge, May 2002) radius of the site YES NO

If YES, specify and explain: *Barbus motebensis* (Marico barb) and Butterfly species *Metisella meninx* (Marsh sylph)(Appendix G1: Ecological Study)

Are their any special or sensitive habitats or other natural features present on the site? YES NO

If YES, specify and explain: Wetlands are located on the property. There are two main systems. The one system drains into Doringspruit and flows towards the north, whilst another system drains towards the southeast and flows into a tributary of Skeerpoort River (Appendix G1: Ecological Study).

Was a specialist consulted to assist with completing this section YES NO

If yes complete specialist details

Name of the specialist: Mathew Ross
Qualification(s) of the specialist: Pr. Sci Nat, sc
Postal address: P.O Box 369, Wendywood, 2144
Postal code: 2144
Telephone: 011 465 2931

Cell: 082 293 5752
Fax: 011 465 2931

E-mail: mathew@enviross.co.za
Are any further specialist studies recommended by the specialist? YES NO

If YES, specify:

If YES, is such a report(s) attached? YES NO

If YES list the specialist reports attached below

Signature of specialist:

Date:

Please note; If more than one specialist was consulted to assist with the filling in of this section then this table must be appropriately duplicated

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

8. LAND USE CHARACTER OF SURROUNDING AREA

Using the associated number of the relevant current land use or prominent feature from the table below, fill in the position of these land-uses in the vacant blocks below which represent a 500m radius around the site

1. Vacant land	2. River, stream, wetland	3. Nature conservation area	4. Public open space	5. Koppie or ridge
6. Dam or reservoir	7. Agriculture	8. Low density residential	9. Medium to high density residential	10. Informal residential
11. Old age home	12. Retail	13. Offices	14. Commercial & warehousing	15. Light industrial
16. Heavy industrial ^{AN}	17. Hospitality facility	18. Church	19. Education facilities	20. Sport facilities
21. Golf course/polo fields	22. Airport ^N	23. Train station or shunting yard ^N	24. Railway line ^N	25. Major road (4 lanes or more) ^N
26. Sewage treatment plant ^A	27. Landfill or waste treatment site ^A	28. Historical building	29. Graveyard	30. Archeological site
31. Open cast mine	32. Underground mine	33. Spoil heap or slimes dam ^A	34. Small Holdings	35. Main Access road
Other land uses (describe):				

NOTE: Each block represents an area of 250m X250m

NORTH						
	1. Vacant land	29. Grave yard	1. Vacant land (Savanna)	1. Vacant land	1. Vacant land (Cattle ranching)	
	1. Vacant land	1. Vacant land	Satellite Antenna	Satellite Antenna	1. Vacant land (Grassland)	
WEST	1. Agriculture (Cattle Rearing)	1. Vacant land		13. Offices	1. Vacant land (Grassland)	EAST
	1. Vacant land	13. Offices	1. Satellite Antenna	1. Vacant land	5. Koppie	
	1. Vacant land	5. Koppie	35. Main Access Road	1. Vacant land	5. Koppie	
SOUTH						



= Site

Note: More than one (1) Land-use may be indicated in a block

Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and potential impact(s) of the proposed activity/ies. Specialist reports that look at health & air quality and noise impacts may be required for any feature above and in particular those features marked with an "A" and with an "N" respectively.

Have specialist reports been attached

YES X	NO
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If yes indicate the type of reports below

Ecological Study (Appendix G1)
A Heritage Impact (Appendix G2)

9. SOCIO-ECONOMIC CONTEXT

Describe the existing social and economic characteristics of the area and the community condition as baseline information to assess the potential social, economic and community impacts.

The proposed development falls within Mogale City Local Municipality of Gauteng Province. Mogale City is situated to the West of Johannesburg in Gauteng Province, South Africa. The area is accessible from other major centres such as Pretoria and Sedibeng. Mogale City is a mixture of urban and rural areas with some very unique features, hosting a population of about 300 000 people. The urban areas reflect different levels of development. The former townships are a mixture of clearly laid out sections and a concentration of informal settlements. The rural areas provide the scenic beauty of the area, with areas like Magaliesberg hosting the primarily tourist oriented activities together with farming. The majority of farm labourers have no land of their own. Service provision is a challenge with residences scattered over a large area and living on farms. The proposed development will be on a Farm that is used by the CSIR for the Satellite Applications. The main economic activity on the farm is therefore related to Satellite application. The Hart Rao is situated on the same farm and also involved with Satellite applications. Telkom also has Satellite operations next to the CSIR application centre but for their type of business in the telecommunication industry. The other economic activity on the farm is cattle ranching and is compatible with the activities of Satellite Application Centre.

10. CULTURAL/HISTORICAL FEATURES

Please be advised that if section 38 of the National Heritage Resources Act 25 of 1999 is applicable to your proposal or alternatives, then you are requested to furnish this Department with written comment from the South African Heritage Resource Agency (SAHRA) – Attach comment in appropriate annexure

38. (1) Subject to the provisions of subsections (7), (8) and (9), any person who intends to undertake a development categorised as-
- (a) the construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier exceeding 300m in length;
 - (b) the construction of a bridge or similar structure exceeding 50m in length;
 - (c) any development or other activity which will change the character of a site-
 - (i) exceeding 5 000 m² in extent; or
 - (ii) involving three or more existing erven or subdivisions thereof; or
 - (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years; or
 - (iv) the costs of which will exceed a sum set in terms of regulations by SAHRA or a provincial heritage resources authority;
 - (d) the re-zoning of a site exceeding 10 000 m² in extent; or
 - (e) any other category of development provided for in regulations by SAHRA or a provincial heritage resources authority, must at the very earliest stages of initiating such a development, notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development.

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

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

YES	NO X
-----	----------------

If YES, explain:

There are no historically significant elements within 20m but there are features within the farm. These features primarily include graves and stone walls recorded in the Heritage Impact Assessment Study (Appendix G1). These features have been clearly identified and recommendation measures have been proposed in order to protect such features.

If uncertain, the Department may request that specialist input be provided to establish whether there is such a feature(s) present on or close to the site.

Briefly explain the findings of the specialist if one was already appointed:

A Heritage Impact Assessment (HIA) was compiled by a specialist Dr M. Murimbika (see Appendix G 2)

Although historical, cultural and archaeological sites were recorded within the project area, none of the sites are on the direct path of the proposed first stage installation of new satellite antennae on Farm Hartebeesthoek 502 JQ. As such the proposed development has low or no potential to impact of identified or known archaeological and heritage resources within the project area.

In the presence of significant historic cultural landscape that includes burial grounds on other portions of the farmland, it is recommended that any future development on affected portions of the farm should be planned carefully so as to avoid or to mitigate any potential impact on known heritage sites. Furthermore, any future installations and associated auxiliary developments should be planned in such a manner that will ensure avoidance and protection of known sites.

All the identified burial grounds may not be interfered with during the proposed or future development and the burial grounds sites should continue to be protected within the Farm Hartebeesthoek 502 JQ.

Will any building or structure older than 60 years be affected in any way?

YES	NO X
-----	----------------

Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?

YES	NO X
-----	----------------

If yes, please attached the comments from SAHRA in the appropriate Appendix

SECTION C: PUBLIC PARTICIPATION

1. ADVERTISEMENT

The Environmental Assessment Practitioner must follow any relevant guidelines adopted by the competent authority in respect of public participation and must at least –

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

2. LOCAL AUTHORITY PARTICIPATION

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

Has any comment been received from the local authority?

YES	NO
X	

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

The Environmental Assessment Unit of Mogale City Local Municipality sent a comment letter indicating acknowledgement of the invitation to comment on the project. The Local authority also indicated advised that no construction will commence before authorisation is issued by the Gauteng Department of Agriculture and Rural Development (GDARD).

If "NO" briefly explain why no comments have been received

N/A

3. CONSULTATION WITH OTHER STAKEHOLDERS

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

Has any comment been received from stakeholders?

YES	NO
X	

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

Ms. Si Seboka (Regional Land Claims Commissioner: Gauteng and North West Provinces)

- According to our database there is no claim lodged on Farm Hartebeesthoek 502 JQ in the Gauteng and North West Provinces.

Mr Justice Maluleke (Department of Water Affairs)

Requested for a copy of the Basic Assessment report for comments

Ms. Intherin Chetty (Eskom Holding- Land Rights Office)

- Eskom Holdings requested to be registered as an Interested and affected party. Requested all detailed plans to be sent to their office prior to any work taking place.

Dr. Michael Gaylard (Hartebeesthoek Radio Astronomy)

- Requested to be supplied with full information regarding the proposed development as they need to assess how it may impact their operations. Their site is adjacent to the CSIR SAC.

If "NO" briefly explain why no comments have been received

N/A

4. GENERAL PUBLIC PARTICIPATION REQUIREMENTS

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

The practitioner must record all comments and respond to each comment of the public / interested and affected party before the application is submitted. The comments and responses must be captured in a Comments and Responses Report as prescribed in the regulations and be attached to this application.

5. APPENDICES FOR PUBLIC PARTICIPATION

All public participation information is to be attached in the appropriate Appendix. The information in this Appendix is to be ordered as detailed below

Appendix 1 – Proof of site notice

Appendix 2 – written notices issued to those persons detailed in 1(b) to 1(f) above

Appendix 3 – Proof of newspaper advertisements

Appendix 4 – Communications to and from persons detailed in Point 2 and 3 above

Appendix 5 – minutes of any public and or stakeholder meetings

Appendix 6 - Comments and Responses Report

Appendix 7 –Comments from I&APs on Basic Assessment (BA) Report

Appendix 8 –Comments from I&APs on amendments to the BA report

Appendix 9 – Copy of the register of I&APs

Appendix 10 – Comments from I&APs on the application

Appendix 11 - Other

SECTION D: RESOURCE USE AND PROCESS DETAILS

Note: Section D is to be completed for the proposal

Instructions for completion of Section D for alternatives

- 1) For each alternative under investigation, where such alternatives will have different resource and process details (e.g. technology alternative), the entire Section D needs to be completed
- 4) Each alternative needs to be clearly indicated in the box below
- 5) Attach the above documents in a chronological order

Section D has been duplicated for alternatives times
(complete only when appropriate)

Section D Alternative No. (complete only when appropriate for above)

1. WASTE, EFFLUENT, AND EMISSION MANAGEMENT

Solid waste management

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

YES	NO
	X
N/A	

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

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

N/A

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

N/A

Will the activity produce solid waste during its operational phase?

YES	NO
X	X
N/A	

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

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

N/A

Has the municipality or relevant service provider confirmed that sufficient air space exists for treating/disposing of the solid waste to be generated by this activity?

YES	NO
	X

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

N/A

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

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

YES	NO
	X

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

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

YES	NO
	X

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

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

N/A

Liquid effluent (other than domestic sewage)

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

YES	NO
	X
m ³	

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

If yes, has the municipality confirmed that sufficient capacity exist for treating / disposing of the liquid effluent to be generated by this activity(ies)?

YES	NO
	X

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

Yes	NO
	X
m ³	

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

If yes describe the nature of the effluent and how it will be disposed.

N/A

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

Note that if effluent is to be treated or disposed on site the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA

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

YES	NO
	X

If yes, provide the particulars of the facility: N/A

Facility name:	N/A		
Contact person:	N/A		
Postal address:	N/A		
Postal code:	N/A		
Telephone:	N/A	Cell:	
E-mail:	N/A	Fax:	

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

N/A

Liquid effluent (domestic sewage)

Will the activity produce domestic effluent that will be disposed of in a municipal sewage system?

YES	NO
	X

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

If yes, has the municipality confirmed that sufficient capacity exist for treating / disposing of the domestic effluent to be generated by this activity(ies)?

	m ³
YES	NO
	X

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

YES	NO
	X

If yes describe how it will be treated and disposed off.

N/A

Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES	NO
	X

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

YES	NO
	X

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

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

N/A

2. WATER USE

Indicate the source(s) of water that will be used for the activity

Municipal	Directly from water board	groundwater	river, stream, dam or lake	other	the activity will not use water
					X

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

_____ liters

If Yes, please attach proof of assurance of water supply, e.g. yield of borehole, in the appropriate Appendix

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

YES	NO
	X

If yes, list the permits required

N/A

If yes, have you applied for the water use permit(s)?

YES	NO
	X

If yes, have you received approval(s)? (attached in appropriate appendix)

YES	NO
	X

3. POWER SUPPLY

Please indicate the source of power supply eg. Municipality / Eskom / Renewable energy source

Eskom Holdings

If power supply is not available, where will power be sourced from?

N/A

4. ENERGY EFFICIENCY

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

N/A

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

N/A

SECTION E: IMPACT ASSESSMENT

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

1. ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

Summarise the issues raised by interested and affected parties.

The most significant concerns raised by I&APs were:

- Absence of land claims on the property
- Project details and impact on neighbouring properties

Summary of response from the practitioner to the issues raised by the interested and affected parties

(A full response must be provided in the Comments and Response Report that must be attached to this report):

The Detailed description of the proposed development was sent to the I&APs and would be made available for public review once the Basic Assessment is drafted. The Key Stakeholders will be sent copies of the Basic Assessment Report. Please refer to Appendix E for the detailed comments and response report and detailed public participation process undertaken.

2. IMPACTS THAT MAY RESULT FROM THE CONSTRUCTION AND OPERATIONAL PHASE

Briefly describe the methodology utilised in the rating of significance of impacts

The potential impacts of the proposed development were identified through a desktop study, a site visit, specialist studies and comments received during the public participation process. The potential impacts are broadly identified and outlined. An assessment of the potential impacts is provided, identifying the impacts that are potentially significant and recommending management and mitigation measures to reduce the impacts.

In general, it is recognised that every development has the potential to pose various risks to the environment as well as to the residents or businesses in the surrounding area. Therefore, it is important that these possible risks are taken into account during the planning phase of the development. Risks and key issues were identified and addressed through an internal process based on similar developments, and an environmental evaluation.

Significance is determined through a synthesis of impact characteristics. Significance is an indication of the importance of the impact in terms of both physical extent and time scale, and therefore indicates the level of mitigation required.

The classes are rated as follows

1) No significance

The impact is not substantial and does not require any mitigatory action

2) Low

The impact is of little importance, but may require limited mitigation

3) Medium

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

<p>The impact is of importance and therefore considered to have a negative impact. Mitigation is required to reduce the negative impacts to acceptable levels</p> <p>4) High</p> <p>The impact is of great importance. Failure to mitigate, with the objective of reducing the impacts to acceptable levels, could render the entire development option or entire project proposal unacceptable. Mitigation is therefore essential</p>
--

Briefly describe and compare the potential impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that are likely to occur as a result of the construction phase for the various alternatives of the proposed development. This must include an assessment of the significance of all impacts.

Alternative 1 (Proposal)			
Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
Ground and Surface Water pollution	Low	<p><u>Construction phase:</u></p> <p>Construction vehicles are to be maintained in good working order to reduce the potential for leaks and spills.</p> <p>Oil residues must be treated with an oil absorbing substance, such as Dritzit or similar, until the material has been removed. This polluted material must then be disposed of at licensed waste disposal site.</p> <p>A walled concrete platform, dedicated store with adequate flooring (or berming) and ventilation should be used for the storage of potentially hazardous chemicals such as oils, fuels, paints, insecticides etc.</p> <p>Storage of potentially hazardous substances should be away from any water courses</p> <p>Contractor/s must provide regularly serviced chemical toilets for the construction workers.</p> <p>No materials may be discharged from the construction camp.</p> <p>An adequate storm water management plan must be implemented during the construction phase to ensure the controlled flow of water on site.</p>	Low

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

		<p><u>Operational Phase:</u> The proposed development activities will not affect the aquatic ecological integrity of the farm (Ecological study: Appendix G1)</p>	
Soil Instability and Erosion	Low	<p><u>Construction Phase:</u> In areas where vegetation clearing is required, surface water velocity must be minimised.</p> <p><u>Operational Phase:</u> An adequate storm water management plan must be implemented to decrease surface water run-off on the sites</p>	Low
Bird life & Bird Collision	Medium	<p><u>Construction phase</u> Minimise vegetation destruction as these form habitats for birds</p> <p><u>Operational phase</u> It is, however, recommended that bird flappers be fitted to the existing antenna as well as to the new antenna to negate any potential collision threats to flying birds. The anchor cables are thought to pose a greater threat to collisions as they are less visible than the actual antennae infrastructure;</p> <p>Collision impacts should be monitored by maintenance crews to determine if the antennae and anchor cables do pose a collision risk. If collisions do occur, the number of bird flappers should be increased.</p>	
Vegetation Destruction/loss (Including wetlands)	Medium	<p><u>Construction Phase:</u> Limit vegetation clearance to only those areas affected by the construction activities. This will also prevent the activity footprint from expanding outside the sites boundaries.</p>	Low

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

		<p>No fires are permitted beyond the boundaries, and no fires may be ignited with the intention to destroy the natural vegetation on site.</p> <p><u>Operational Phase:</u> The proposed Orbcomm site is located within a moist grassland seepage zone. Even though this area is not strictly regarded as a wetland as it does not remain inundated with water for long enough periods to support wetland vegetation, it does contribute to the wetlands within the lower-lying areas. It is proposed that this location be shifted slightly further north to an area that is regarded as a seepage zone.</p>	
Safety and Security	Low	<p><u>Construction Phase:</u> The site and crew are to be managed in strict accordance with the Occupational Health and Safety Act, 1993 (Act No.85 of 1993). Ensure all members of the work force are well-informed of all necessary emergency procedures.</p>	
Air Pollution	Low	<p><u>Construction Phase:</u> Areas cleared of vegetation (including roads, and access points) must be wet down or cleared to prevent unnecessary dust entering the air. Rubbish/waste bins must remain covered at all times. All construction vehicles should be in good working order to prevent unnecessary exhaust fumes.</p>	Low

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

<p>Loss of Faunal Species</p>	<p>Low</p>	<p><u>Construction Phase:</u> Workers must be made aware of the Animal Protection Act (Act 71 of 1962), as well as the penalties that will incur should an animal be intentionally harmed, or harmed as a result of negligence. The construction site must be kept clean and litter free to prevent attracting vermin or pest species.</p> <p><u>Operational Phase:</u> The development must be kept clean and maintained for reasons stated in the last bullet point above.</p>	<p>Low</p>
<p>Noise Pollution</p>	<p>Low</p>	<p><u>Construction Phase:</u> Construction vehicles must be kept in good working condition at all times to prevent becoming the source of excess noise. The construction crew must abide by the National Noise laws and the local "by-laws" regarding noise.</p> <p><u>Operational Phase:</u> As stated above, the National Noise Laws must be adhered to, including the local by-laws where applicable.</p>	<p>Low</p>
<p>Traffic congestion</p>	<p>Low</p>	<p><u>Construction Phase:</u> No congestion can result from the proposed development since the site is on a Farm in the remote area.</p> <p><u>Operational Phase</u> The flow of traffic must be monitored and the necessary steps taken, should the need arise.</p>	<p>Low</p>

3. IMPACTS THAT MAY RESULT FROM THE DECOMMISSIONING AND CLOSURE PHASE

Briefly describe and compare the potential impacts (as appropriate), significance rating of impacts, proposed mitigation and significance rating of impacts after mitigation that are likely to occur as a result of the decommissioning and closure phase for the various alternatives of the proposed development. This must include an assessment of the significance of all impacts.

Alternative 1 (Proposal)

Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
N/A			

Alternative 2

Potential impacts:	Significance rating of impacts:	Proposed mitigation:	Significance rating of impacts after mitigation:
N/A			

List any specialist reports that were used to fill in the above tables. Such reports are to be attached in the appropriate Appendix.

Ecological Assessment Study Appendix G 1 The Heritage Impact Assessment in Appendix G 2
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4. CUMULATIVE IMPACTS

Describe potential impacts that, on their own may not be significant, but is significant when added to the impact of other activities or existing impacts in the environment. Substantiate response:

Cumulative impacts result from actions which may not be significant on their own but which are significant when added to the impact of other similar actions. The anticipated impacts resulting from the construction and implementation of these developments could potentially result in cumulative negative effects when taking the following into consideration:

- Increased storm water runoff due to the increase in paved surfaces, and vegetation loss;
- Ground or Surface water contamination due to vehicles on site, and construction and operational waste, this could impact on the surrounding water systems;
- The vegetation clearing, earthworks and alteration of drainage lines will result in the alteration of the vegetation in the immediate area;
- Decreased air quality due to the contribution of vehicle-entrained dust emissions, and motor vehicle emissions; and
- The general visual intrusion caused by the proposed development

The cumulative negative impacts are however of a minor nature.

Positive cumulative impacts that will result from the proposed development include:

- New Job opportunities;
- Increased economic benefits due to increased capacity within South Africa's Space industry.
- The proposed development is of a national strategic nature because it has key applications in the Space Technology, Meteorological and Research industry.

5. ENVIRONMENTAL IMPACT STATEMENT

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

Alternative 1 (Proposal)

The key findings of this impact assessment are:

- The proposed development activities will not affect the aquatic ecological integrity of the farm.
- The proposed development sites did not incorporate any RDL or otherwise protected floral species or offered viable habitat to support such species.
- The proposed development activities are therefore thought to have an insignificant impact on RDL floral species conservation within the region.
- The proposed development areas do not support any RDL or Orange listed floral species. The proposed development area also does not support any RDL faunal species and the localized extent of the proposed development and the habitat quality is not considered to support any RDL faunal species in any significant numbers.
- There are no significant impacts to Heritage and Archaeological resources.
- The proposed development activities however have shown to pose a significant threat as a collision obstacle for flying birds.

The area earmarked for development is closely associated to existing infrastructure and therefore does not unduly impinge on the overall ecological integrity of the farm.

Overall the benefits associated with the proposed development of providing critical satellite data to the nation far outweigh the minor environmental impacts. The Farm has been set aside for the past decades in order to provide such Satellite Application services.

Alternative 2

BASIC ASSESSMENT REPORT [REGULATION 23(1)]

N/A

Alternative 3

No-go (compulsory)

This option is the safe option and would ensure that the environment is not impacted upon any more than is currently the case. It is important to state that this assessment has concentrated on the current condition of the area.

6. IMPACT SUMMARY OF PREFERRED PROPOSAL

Identify preferred proposal

Should the proposed development be authorised it is recommended that the following mitigation measures be made binding on the applicant as conditions to the authorisation:

- An Environmental Management Plan be approved which provides for mitigation measures for any of the identified environmental impacts.
- Provision should be made for construction work to be stopped in the event that heritage findings are unearthed during earthworks. The presence of a qualified Archaeologist is mandatory during excavations.

Having assessed the significance of impacts of the proposal and various alternatives, please provide an overall summary and reasons for selecting the preferred project proposal.

N/A

7. RECOMMENDATION OF PRACTITIONER

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

YES	NO
X	

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

N/A

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

A site specific Environmental management Plan (EMP) should be approved for the proposed project before construction on site commences. The following are recommended in terms of the such an EMP:

- The EMP should be a condition of the Environmental Authorization issued by GDARD;
- The EMP will be binding on all managers and contractors operating/utilizing the site; and
- The EMP should form part of the contractors tender documentation

N/B

8. ENVIRONMENTAL MANAGEMENT PLAN (EMP)

If the EAP answers yes to Point 7 above then an EMP is to be attached to this report as an Appendix

EMP attached

YES X

SECTION F: APPENDIXES

The following appendixes must be attached as appropriate:

It is required that if more than one item is enclosed that a table of contents is included in the appendix

Appendix A: Site plan(s)

Appendix B: Photographs

Appendix C: Facility illustration(s)

Appendix D: Route position information

Appendix E: Public participation information

Appendix F: Water use license(s), SAHRA information, service letters from municipalities,
water supply information

Appendix G: Specialist reports

Appendix H: EMP

Appendix I: Other information – Correspondence with Authority
-Acknowledge of Receipt
-Correspondence with Biodiversity Unit

Appendix H: EMP

Appendix B: Photographs

PHOTO PLATE 1 OF 2



Photo A: Grassland vegetation to the north hosting semi domesticated ungulates



Photo B: Existing Satellite Antennae near the proposed developments



Photo C: Cattle ranching on site to the west of the SAC offices



Photo D: The northern portion of the site with typical veld conditions dominating the site

PHOTO PLATE 2 OF 2



Photo F: Mixture of grass and indigenous trees on the southern portion of site



Photo G: Satellite Antenna on the site



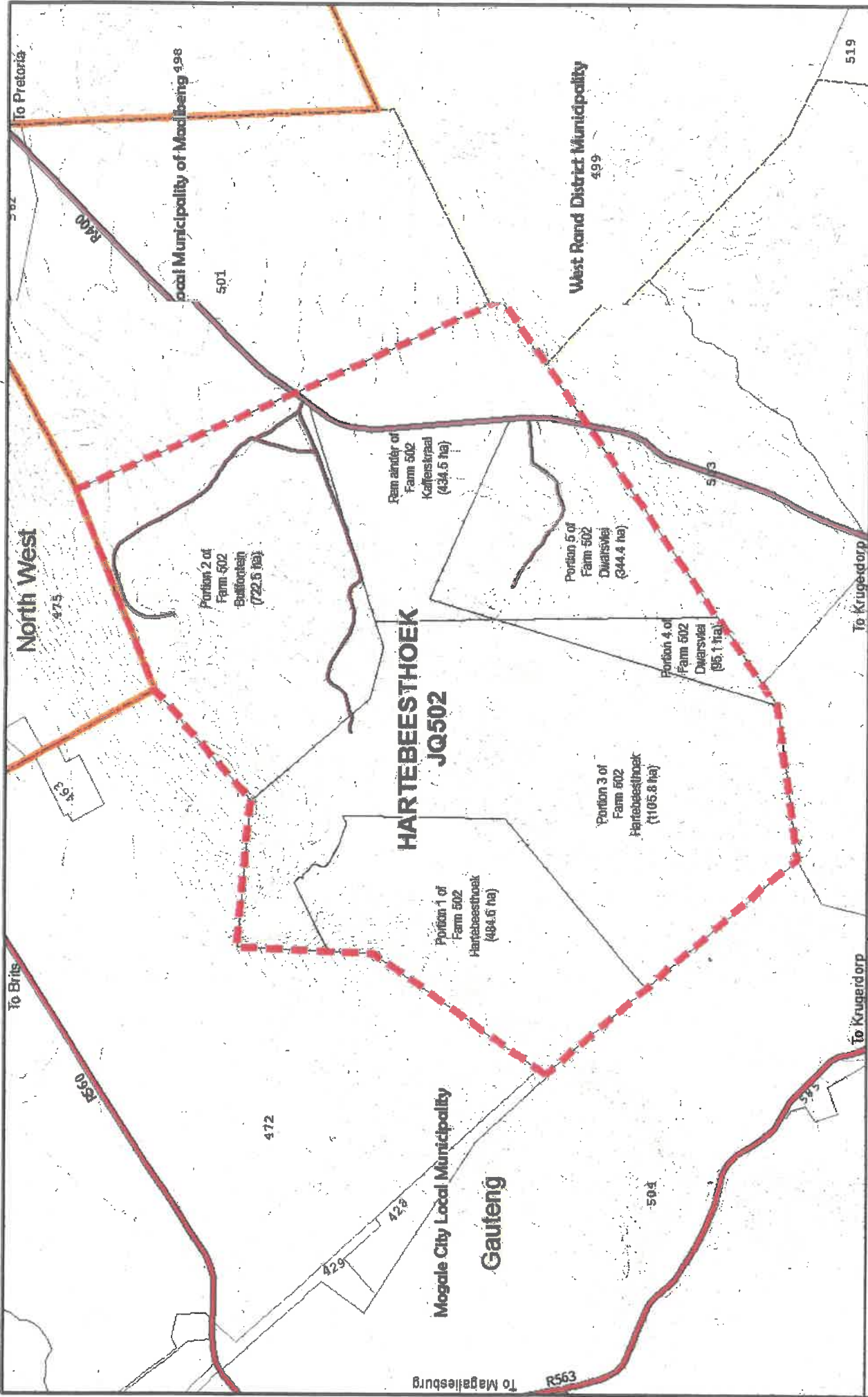
Photo H: Grassland on the Central part of the site



Photo I: View of Hart Rao on the western portion of the farm

Appendix C: Facility illustration(s)

Appendix A: Site plan(s)



Legend

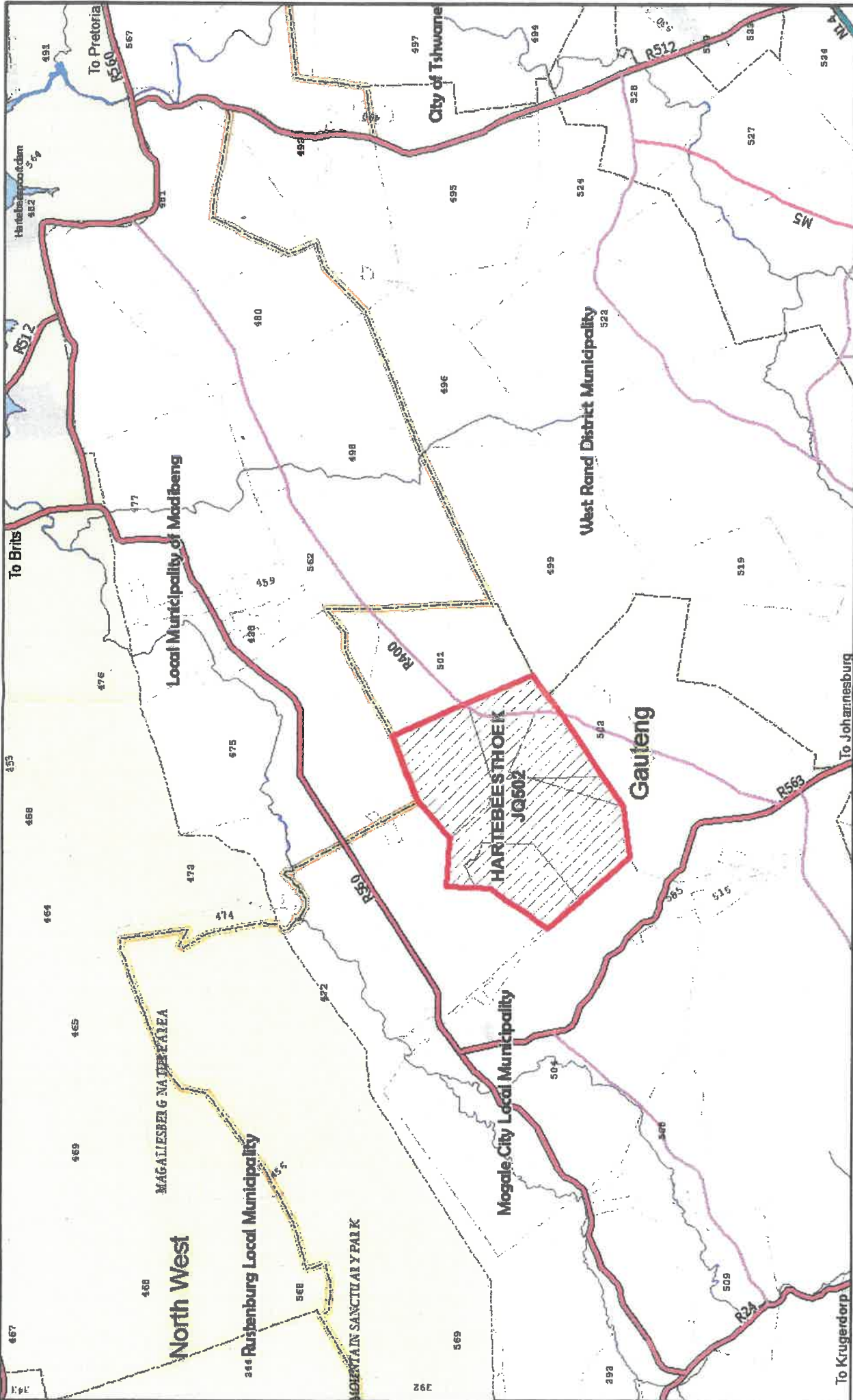
- AREA OF INTEREST
- MUNICIPAL BOUNDARY
- PROVINCIAL BOUNDARY
- RIVER
- ZIM-CONTOUR
- ROADS
- Main road
- Other road
- Internal road

CADASTRAL MAP
of Farm JQ 502, Hartebeesthoek

CSIR
 our future through science

Scale: 1:50 000

N



Legend

- AREA OF INTEREST
- MUNICIPAL BOUNDARY
- PROVINCIAL BOUNDARY
- FARM BOUNDARY ROADS
- Freeway
- Main road
- Metro road
- Other road
- TOWN
- NATIONAL PARK
- RIVER

LOCALITY MAP

of Farm JQ 602, Hartbeeshoek

Scale: 1:150 000
 our future through science

NOTES:

REV:	DATE:	DESCRIPTION:
------	-------	--------------

PROJECT TITLE:
COUNCIL SUBMISSIONS

DWG TITLE:
SITE PLAN

DWG NO:	REV:
---------	------

DATE: 05/03/2010	SCALE: 1:200
------------------	--------------

DRAWN BY: MATTHEW.W.	DRAUGHTSMAN REG NO:
-------------------------	------------------------

OWNER SIGNATURE:

ENGINEER SIGNATURE & No:

ISSUED FOR: INFO



Appendix D: Route position information

Not applicable

Appendix E: Public participation information

Appendix 1 – Proof of site notice



BASIC ASSESSMENT PROCESS
BOARD REFERENCE NO: GAL/002009-10/NO227

Notice to give, in terms of Regulation 66 of the Environmental Impact Regulations published in Government Notice R.386 in Government Gazette No. 29753 of 11 April 2006, under Section 24(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), is awarded that CSIR Satellite Application Centre intend to develop and install satellite antennas at the CSIR Satellite Application Centre on Farm Hlatshwayane 502 20 St. Mopani City Local Municipality, Gauteng Province.

NATURE OF ACTIVITY

The proposed development involves the installation of several new satellite antennas of 1200 x 21 meters in height to service the CSIR Satellite Applications Centre on Farm Hlatshwayane 502 20 within Mopani City Local Municipality in Gauteng Province. The CSIR Satellite Centre intends to be supplied, processed and distributed with local energy facilities services in situ. There will also be construction of new internal services roads with widths exceeding 4 meters. In terms of the Law of Environmental Impact Assessment is required if the form of a Basic Assessment.

NAME OF APPLICANT

CSIR Satellite Application Centre



Tswelopele Environmental is the Independent Environmental Practitioner who conduct audits before.

CONTACT DETAILS OF TSWELOPELE ENVIRONMENTAL

Interested and/or Affected Parties who wish to participate in the process, or who would like to discuss further information, should please contact:

Tswelopele Identify
Tswelopele Environmental (Pty) Ltd
P.O. Box 100, Rivierburg 1212
Phone: 011 977 9700 or 082 3886620
Fax: 082 541 9948
Email: info@tswelopele.co.za

Comments should be forwarded on or before 15 October 2009.

**NATIONAL KEY POINT
ACT 102 OF 1980**

RESTRICTED AREA

**NO UNAUTHORISED
ENTRY**


TSWELOPELE ENVIRONMENTAL

BASIC ASSESSMENT PROCESS
 GOVIND REFERENCE NO: GAV1002/00-10/0227

NATURE OF ACTIVITY
 The proposed development includes the installation of several solar panels with a capacity of 20 kWp. The project is subject to approval for CSIR (Council for Scientific and Industrial Research) under the Environmental Management Act, 1986 (Act No. 101 of 1986) as amended, and the National Environmental Management Act, 1989 (Act No. 26 of 1989) as amended, and the National Environmental Management Act, 1989 (Act No. 26 of 1989) as amended, and the National Environmental Management Act, 1989 (Act No. 26 of 1989) as amended.

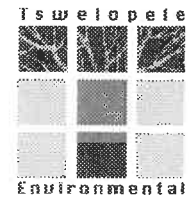
NAME OF APPLICANT
 CSIR Satellite Application Centre


 The South African Council for Scientific and Industrial Research

CONTACT DETAILS OF TSWELOPELE ENVIRONMENTAL
 Information and/or Assistance should be sought in preference to this strategy, or when there are any other further information, please contact:

Tswelopele
 Environmental Management (Pty) Ltd
 P.O. Box 100, Phokeng, 0124
 Phone: 012 2170 01 14 000 8000000
 Fax: 012 2170 01 14 000 8000000
 Email: info@tswelopele.co.za
 Website: www.tswelopele.co.za

Appendix 2 – written notices issued to those persons
detailed in 1(b) to 1(f) above



**P.O. Box 709 Sanlam Centre
Randburg, 2125
Johannesburg**
Telephone: **082 8068520**
Dr. Margaret Sabiti Mobile: 082 806 8520
msabiti@tswelopele-enviro.com
www.tswelopeleenvironmental.co.za

**368 Oak Avenue
Randburg, 2194
Johannesburg**
Facsimile: 086 691 0048
Date 09/10/09

**Attention: Mr Gavin Sayce
Number of pages: 2**

REF NO: GAUT002/09-10/NO227

Dear Mr Gavin Sayce

INVITATION TO COMMENT: BASIC ASSESSMENT FOR THE CSIR SATELLITE APPLICATIONS CENTRE ON FARM HARTEBEESTHOEK 502 JQ.

CSIR Satellite Applications Centre proposes to install several new satellite antennae of about 21 metres in height to service the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ within Mogale City Local Municipality in Gauteng Province. The CSIR satellite Centre function is to acquire, process and distribute data from many satellite sensors in Africa. There will also be construction of new internal service roads with widths exceeding 4 metres.

CSIR Satellite Applications Centre has appointed Tswelopele Environmental (Pty) Ltd as an independent environmental consultancy to facilitate the Basic Assessment (BA) including the public participation process. In terms of Sections 24 and 24(D) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, and as read with Government Notices R385 (Regulations 22 – 26) and R386, a Basic Assessment is required for the following listed activities:

Item 14 The construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting or radio transmission, but excluding:

- *mast of 15 metres and lower exclusively used by radio amateurs or for lighting purposes*
- *flag poles*
- *Lightning conductor poles*

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A Basic Assessment is being conducted to ensure that the environmental impacts that may be associated with the proposed residential development are taken into consideration; interested and affected parties (I&APs) have an opportunity to comment by providing issues of concern and/or suggestions for enhanced benefits and/or alternatives; and to ensure that the Competent Authority, the Gauteng Department of Agriculture Conservation and Environment (GDACE), has sufficient information to make a decision.

Tswelopele Environmental (Pty) Ltd

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Meanwhile, should you have any questions, or would like to obtain more information, please feel free to contact Tshildzi of Tswelopele Environmental (Pty) Ltd. Contact details are as follows: P.O.Box 709, Randburg, 2125. Phone: 072 0379100 or 082 8068520, : msabiti@tswelopele-enviro.com, Fax 086 691 0048.

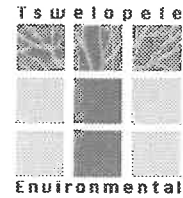
We look forward to receiving your comments!

Yours sincerely

Dr Margaret Kalule Sabiti
For Tswelopele Environmental

Enclosed document(s):

- *Registration and Comment Sheet*
- *Locality Map*



**P.O. Box 709 Sanlam Centre
Randburg, 2125
Johannesburg**
Telephone: **082 8068520**
Dr. Margaret Sabiti Mobile: 082 806 8520
msabiti@tswelopele-enviro.com
www.tswelopeleenvironmental.co.za

**368 Oak Avenue
Randburg, 2194
Johannesburg**
Facsimile: 086 691 0048
Date 09/10/09

Attention: Ms Tinka Wiswe: Airports Company of South Africa (ACSA)

Number of pages: 2

REF NO: GAUT002/09-10/NO227

Dear Ms Tinka Wiswe

INVITATION TO COMMENT: BASIC ASSESSMENT FOR THE CSIR SATELLITE APPLICATIONS CENTRE ON FARM HARTEBEESTHOEK 502 JQ.

CSIR Satellite Applications Centre proposes to install several new satellite antennae of about 21 metres in height to service the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ within Mogale City Local Municipality in Gauteng Province. The CSIR satellite Centre function is to acquire, process and distribute data from many satellite sensors in Africa. There will also be construction of new internal service roads with widths exceeding 4 metres.

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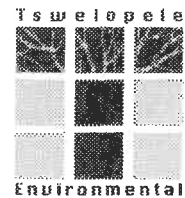
We look forward to receiving your comments!

Yours sincerely

Dr Margaret Kalule Sabiti
For Tswelopele Environmental

Enclosed document(s):

- *Registration and Comment Sheet*
- *Locality Map*



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msabiti@tswelopele-enviro.com
www.tswelopeleenvironmental.co.za

**368 Oak Avenue
Randburg, 2194
Johannesburg**
Facsimile: 086 691 0048
Date 09/10/09

**Attention: Ms Lizell Stroh
Number of pages: 2**

REF NO: GAUT002/09-10/NO227

Dear Ms Lizell Stroh

INVITATION TO COMMENT: BASIC ASSESSMENT FOR THE CSIR SATELLITE APPLICATIONS CENTRE ON FARM HARTEBEESTHOEK 502 JQ.

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We look forward to receiving your comments!

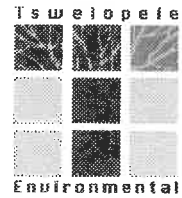
Yours sincerely

Dr Margaret Kalule Sabiti

For Tswelopele Environmental

Enclosed document(s):

- *Registration and Comment Sheet*
- *Locality Map*



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msabiti@tswelopele-enviro.com
www.tswelopeleenvironmental.co.za

**368 Oak Avenue
Randburg, 2194
Johannesburg**
Facsimile: 086 691 0048
Date 09/10/09

REF NO: GAUT002/09-10/NO227

Dear Sir/Madam

INVITATION TO COMMENT: BASIC ASSESSMENT FOR THE CSIR SATELLITE APPLICATIONS CENTRE ON FARM HARTEBEESTHOEK 502 JQ.

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Tswelopele Environmental (Pty) Ltd

as an I&AP by completing the enclosed Registration and Comment Sheet **on or before the 30th of October 2009.**

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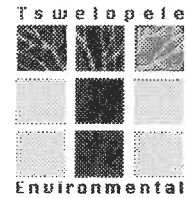
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For Tswelopele Environmental

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www.tswelopeleenvironmental.co.za

**368 Oak Avenue
Randburg, 2194
Johannesburg**
Facsimile: 086 691 0048
Date 09/10/09

Attention: Morakane Mokoena
Number of pages: 2

REF NO: GAUT002/09-10/NO227

Dear Morakane

INVITATION TO COMMENT: BASIC ASSESSMENT FOR THE CSIR SATELLITE APPLICATIONS CENTRE ON FARM HARTEBEESTHOEK 502 JQ.

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Tswelopele Environmental (Pty) Ltd

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We look forward to receiving your comments!

Yours sincerely

Dr Margaret Kalule Sabiti
For Tswelopele Environmental

Enclosed document(s):

- *Registration and Comment Sheet*
- *Locality Map*

Appendix 3 – Proof of newspaper advertisements

REALTY
FIRST IN PROPERTY

Kantoor 012 253 2511
SCHOEMANSVILLE
R1 740 000
Hoog geleë, baie spasie, ruim leef vertrekke, kantoor en woonstel met eie ingang.
Dorie 082 299 4026

SCHOEMANSVILLE
R2 170 000
Puik ligging, 3 slaapkamers, 3 badkamers, skuifdeure vanuit elke vertrek na prag swambad met lapa, studeerkamer. 'n Mooi sien!!
Johan & Marinda
082 416 8386 / 082 695 5388

BIRDWOOD
R3 900 000
Baie mooi 4 slaapkamer huis op die water met pragtige uitsig, dubbel verdieping met 2 groot leef areas.
Johan de Jager
082 462 5504

IFAFI R930 000
Semi dubbel verdieping, 4 slaapkamers, dubbel motorhuis, aparte woonstel.
Dorie 082 299 4026

SCHOEMANSVILLE
R2 985 000
Uitstekende ligging met uitsig oor dam, 4 slaapkamers, studeerkamer, swambad en vele meer.
Johan & Marinda
082 416 8386 / 082 695 5388

MEERHOF R650 000
Erf hooggeleë met pragtige uitsig, baie sekuriteits area.
Goedgekeurde planne vir woonhuis.
Johan de Jager
082 462 5504

IFAFI R1 200 000
Boonmyke goed versorgde tuin, 3 slaapkamers, braai area, kantoor of werkwinkel.
Dorie 082 299 4026

SCHOEMANSVILLE
R2 825 000
Well located house, 5 bedrooms, 3 bathrooms, study, swimming pool and lots of extras.
Johan & Marinda
082 416 8386 / 082 695 5388

KAMEELDRIFT WES
R600 000
Landsbou hoewe 2.1ha met 3 geboue, 1 nie voltooi nie, sterk water en enkel fase kraag.
Johan de Jager
082 462 5504

IFAFI R1 160 000
Hooggeleë 3 slaapkamers, prag berg uitsig, groot werkwinkel, naaldwerkamer, swambad, mooi tuin, baie parking.
Dorie 082 299 4026

IFAFI R1 520 000
Spacious living with 3 bedrooms, 2 bathrooms, large double garage and heated swimming pool.
Johan & Marinda
082 416 8386 / 082 695 5388

HUIS TE KOOP

Melodie
Huis in sekuriteits-kompleks met 3 slaapkamer, 2 badkamer, oopplan leefarea, dubbel motorhuis.
R960 000.00
Meisie
072 070 1860

Properties for Sale
Eiendomme te Koop

Te Koop.
Kleinhoewe 4.5 ha plot by Hartbeespoort met dam en berg uitsig te koop slegs 5km vanaf Winkelkomplekse en skole. 3 Slaapkamer huis met 1 slaapkamer woonstel en elektriese heining. Groot moontlikhede in toekoms. Slegs R3.2 miljoen.
Kontak: 082 413 0604

BIRDWOOD R769 000
Stand for sale 1100m² level stand with dam view.
Jano 082 923 5394
Realty 1 IPG

BIRDWOOD R1 890 000
Transfer duty included, spacious 4 bedroom house, 3 living areas, double garage.
Jano 082 923 5394
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FOR SALE
Xanadu Lifestyle Village
For the over 50's!!
Full Title!
Invest and enjoy a wonderful stay in our lovely Village.
Building package Land and house.
FROM R700 000
2 Bedrooms, 1 bathroom, open-plan kitchen - lounge and lock-up garage.
Xanadu Marketing
Steve Smuts: 083 723 9098
Alta Smuts: 083 630 7260

Betrekkings Aangebied
Jobs Offered

Jobs offered:
Computer operator. Start per week R400
Small engine & lawn mower mechanic
Contact 083 278 2292

Gekwalifiseerde Haarkapster:
Opsoek na 'n gekwalifiseerde haarkapster en naeltgnikus.
Kontak Henriette: 072 501 7121
072 763 7191

Ervare Kroeg Personeel:
Kroeg personeel benodig vir besige restaurant in Hartbeespoort. Stuur CV na info@legends.co.za of fax 086 691 8997
Kontak 012 252 4604

Reps Needed:
Excellent commission structure. Own reliable transport essential. Training provided, only serious, hard working people persons need apply.
Contact: 083 860 6790

Beautician Wanted:
Beautician wanted. Must be reliable. Skeerpoort area.
Contact: 083 412 3461 or fax a 2 page CV 086 684 7444

Blokman/Staghuis:
Assistent Brits. Kennis van verselverwing noodsaaklik. Faks 2 blad CV na 086 613 6778

Kelnerin

KoffieKletske Restaurant benodig die dienste van 'n kelnerin met ondervinding wat Afrikaans en Engels magtig is. Aangename werksomstandighede gedurende kantoor ure en 'n vaste salaris met tips word aangebied. Vir 'n onderhoud skakel Danie 083 707 1419 of bring jou CV persoonlik na KoffieKletske la Van Veldenstr 30 Brits

Kroeg Personeel benodig
Kroegman / Kelnera & Kelnerinne
Kroegman : R80 p/d vir dagskool en R120 per nagskool plus footjies!
Kelners : 3% kom. Op alle verkope
Kontak : Sanel de Wet Staffing Solutions
082 450 0588

Betrekkings Aangebied
Jobs Offered

Tool Hire
Maatskappy

In Hartbeespoort area soek 'n betroubare en professionele verteenwoordiger. Mans & Dames tussen 25-40 jaar met goeie verwysings & ten minste 2 jaar ervaring kan aansoek doen.

Kennis van die boubedryf sal 'n voordeel wees

Fax CV na
012 259 1008

VACANCY

Cook/ Chef required for small coffee shop/restaurant. Experience in similar position essential, experience in food presentation an asset.
Walter/Waitress required. Must have experience and be fluent in English & Afrikaans. Will also assist in cleaning and washing up. Breakfast & lunch only, no evening work. No accommodation offered.
076 480 6190

Other
Ander

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Do you own a car, truck, bike, boat? That's fully or almost paid for? You can get a cash loan today!!
Cnr. SCHOEMAN & ANDRIES STR.
012 322 6060/66
PTA Central

TE KOOP

Take Away + Kiosk in Damdoryn. Omsat ± R36 000 p/m, voorraad ± R20 000 p/m, rent R9500 p/m. Profit ± R7500 p/m. Koop prys R68 000 Ingesluit die deposito aan eienaar van perseel. Geskik vir egeaar wat nie hulp nodig het nie. Goeie vooruitsigte
Jolise 076 312 5111

TE KOOP

Motorfiets
2007 Suzuki DRZ 400 Supermotard. 1450km
R47 000
Jet-Ski
2001 Seadoo RXDI
2005 Trail all trailer
R22 000
Kontak S. Rieker
082 331 8566

Kinderpartyjie Besigheid

Koop alle voorraad, Springkastele, tafels, stoele, fotoborde, stoelcovers, tafeldoekke, cup cake stands etc.
R270 000 onderhandelbaar
Kontak Michelle Botha
084 587 0770

Other
Ander

Furniture and household goods for sale:
Owner re-locating. Variety of furniture, household goods etc for sale.
Contact: 072 345 9423
082 557 1762
082 781 0608

Te Koop:
Sleeperhout siltkamerstel plus tafel en 3 stoele.
R4500 onderhandelbaar
Kontak Jynite
082 494 3118

For Sale:
2 Seater golf cart. Good condition. R23 000
Contact 082 876 0244

Te Koop:
Garmin eTrex H high-sensitivity GPS navigator. R1000
Kontak Neels
082 445 4245

Saamrygeleentheld Gesoek:
Saamrygeleentheld gesoek vanaf Meerhof na Menlyn en terug. Werks ure 07:45 - 16:15. Maandag tot Vrydag.
Kontak Frances
083 598 2633

HARTBEESSPOORT
CELLULAR



SALES CONSULTANT

- REQUIREMENTS:**
- Sales experience
 - Customer service and care
 - Computer literate
 - Bilingual
 - Experience in cellular sales will be an advantage
 - Matric essential

Contact:
012 259 1203

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AUCTIONEERS

www.cahi.co.za

DECEASED ESTATE AUCTION
2822 SQM STAND WITH DWELLING OVER LOOKING HARTEBEESSPOORT YACHT CLUB UNOBTSTRUCTED VIEW OF DAM MUST BE SEEN

Duly instructed by the Executor in the Deceased Estate of AA Le Roux, we will sell,
WEDNESDAY 30 SEPTEMBER 2009
AT 11 AM ON SITE
40 SCOTT STREET, SCHOEMANSVILLE
* VIEW BY APPOINTMENT ONLY *
TERMS: 20% deposit on the fall of the hammer (bank cheque only)
Balance within 30 days after confirmation
This advert is subject to change without prior notice
TEL 012 809 2240 GREG 082 442 3419 EMAIL greg@cahi.co.zc

NOTICE OF BASIC ASSESSMENT FOR THE
Development and installation of satellite antennae at the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ.

INVITATION TO COMMENT:
TSWELOPELE ENVIRONMENTAL REF NO: GAUT002/09-10/NO227

Notice is given in terms of Regulation 56 of the Environmental Impact Regulations published in Government Notice R385 in Government Gazette No. 28753 of 21 April 2006, under Section 24(5) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, that, CSIR Satellite Applications Centre intend to develop and install satellite antennae at the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ.

The proposed development involves the installation of several new satellite antennae of about 21 metres in height to service the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ, within Mogale City Local Municipality in Gauteng Province. The CSIR Satellite Centre function is to acquire, process and distribute data from many satellite sensors in Africa. There will also be construction of new internal service roads with widths exceeding 4 metres.

In terms of Sections 24(2)(a) and 24(d) of the Act, as read with Government Notices R 385 (Regulations 22 – 26) and R386, a Basic Assessment is required for the proposed development, in terms of the following listed activities:

Item 14
The construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting or radio transmission, but excluding:

- mast of 15 metres and lower exclusively used by radio amateurs or for lighting purposes
- flagpoles
- Lightning conductor poles

Item 15
The construction of a road that is wider than 4 metres or that has a reserve wider than 6 metres, excluding roads that fall within the ambit of another listed activity or which are access roads of less than 30 metres long

Item 17
Phased development activities where any one phase of the development may be below a threshold specified in this notice but where a combination of the development phases, including expansions or extensions, will exceed a specified threshold

Interested and/or affected parties who wish to participate in this process, or who would like to obtain further information, should please contact Tshilidzi Matsila of Tswelopele Environmental (Pty) Ltd. Contact details are as follows: P.O.Box 709, Randburg, 2125. Phone: 072 0379100 or 082 8088520, E-mail: msabiti@tswelopele-enviro.com, Fax 086 691 0048. Comments should be forwarded on or before 15 October 2009

REALTY
FIRST IN PROPERTY

VERHUURINGS AGENTE BENODIG
Word deel van een van die mees dinamiese spanne in die land. Die suksesvolle kandidaat moet oor die volgende beskik: Selfvertroue, goeie voorkoms, eie vervoer en selfoon. Die vermoë om druk te hanteer is 'n vereiste. Graats opleiding word verskaf, wat jou 'n gespesialiseerde kenner op die gebied maak.
Realty 1 IE&G bied jou:
• Nasionaal bekende naam. • Nasionale verwysings-netwerk. • Koper en Verkooper databasis. • Uitstekende werksomgewing. • SAQA Goedgekeurde Opleiding.
Kontak:
Jano Booysen: 082 923 5394
of Melanie Booysen: 072 126 3565

EXISTING BUSINESS

Very nicely done up.
Want a serious partner for 50% share to convert it into a luxurious pub in Harties.
Asking to invest R150 000
Tel. 082 766 4888



POSITION VACANT:

RESERVATIONS & ADMIN & RECEPTION

Experience essential
Computer Literate & Accurate, with Attention to detail
Bilingual
Salary negotiable

CV to 0866-105-113
info@TheRing.co.za
PH. 078-075-0720

Donaghadee Stables
Hartbeespoort

Stabling for horses/ponies available

Contact Dino:
083 513 3240

VACANCY

Positions vacant for Qualified Hairdresser and Beautician in Hartbeespoort
Fax short CV to
086 685 5674

VACANCY

Receptionist
Successful applicants are to meet the following requirements:
• Fully computer literate
• Fully bilingual
• Switchboard experience
• Secretarial skills
Candidate is to be well presented, pleasant natured and strong interpersonal / communication skills.
Please e-mail your CV to:
olivia@primeproductmanufacturing.com
or Fax: 012 305 6271

CURVES
HARTIES

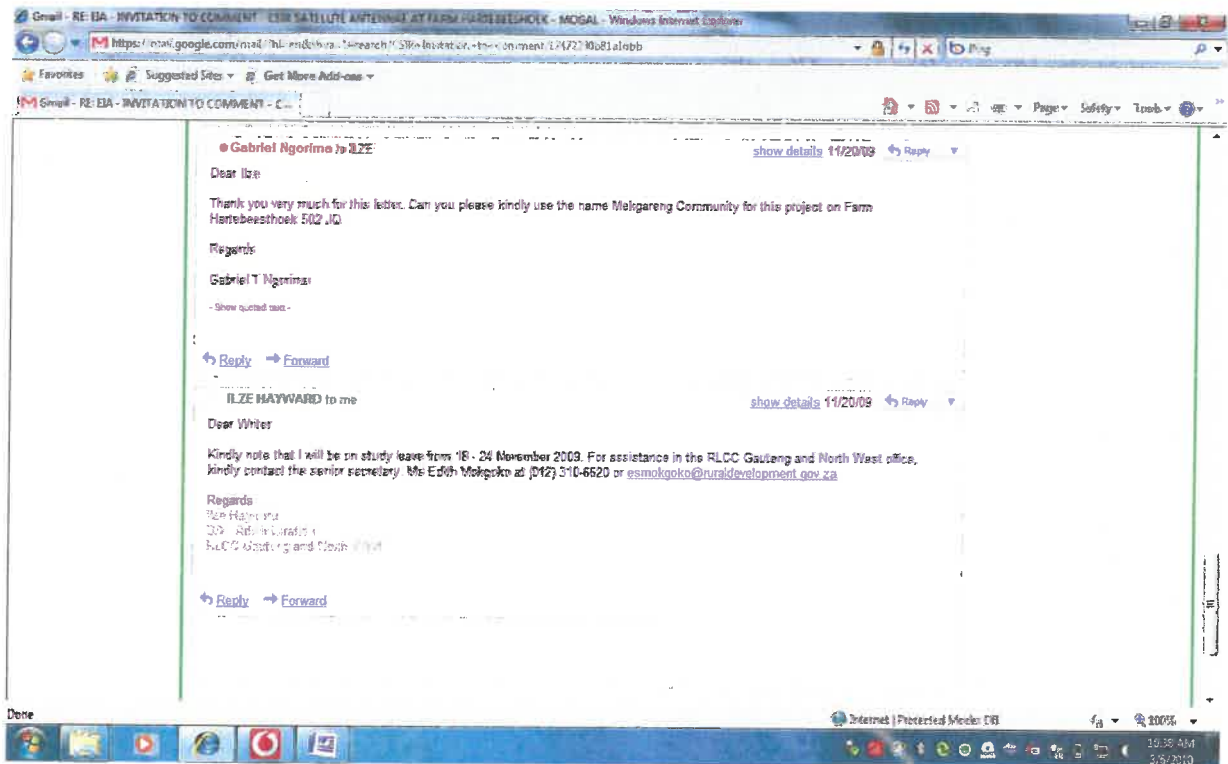
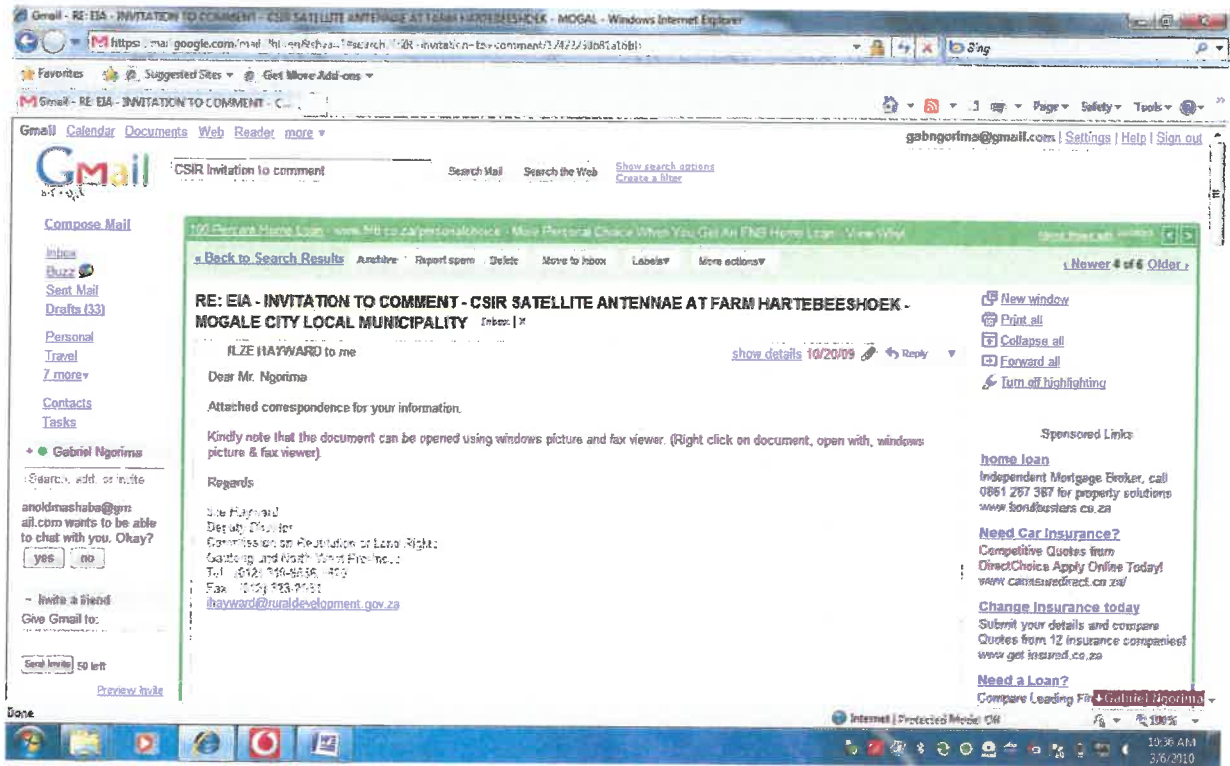
CIRCUIT COACH

Die suksesvolle kandidaat moet:

- Ouer as 30 wees
- Dinamies en bereid wees om te leer
- Sterk aanvoeling/kennis van Voeding en die anatomie van die liggaam he
- Energiek en self gemotiveerd wees
- Goeie menserverhouding he
- Goeie BEMARKINGSONDERVINDING
- Goeie verkoopsvaardighede
- Rekenaarletterd
- Eie vervoer
- KONTAKBARE VERWYSINGS ASB

Is jy geïnteresseerd?
Stuur jou CV na sharmalnee@lantic.net
voor of op 23 Sept 09.

Appendix 4 –Communications to and from persons detailed in
Point 2 and 3 above



Gmail - EIA-Invitation to comment- CSIR Satellitae Antennae at Farm Hartesbeeshoek- Mogale City - Windows/Internet Explorer

https://mail.google.com/mail/?ui=en&shva=1&search=CSIR+invitation+to+comment+1.1444026775900

Favorites Suggested Sites Get More Add-ons

Gmail - EIA-Invitation to comment- CSIR Satellitae...

hide details 10/16/09 Reply

from: **Matuleke Justice** <JusticeM@dwa.gov.za>
to: **Gabriel Ngorima** <gabngorima@gmail.com>
cc: **"Makana Pule (PTA)"** <MakanaP@dwa.gov.za>, **"Khambule Masego (PTA)"** <KhambuleM@dwa.gov.za>
date: Fri, Oct 16, 2009 at 8:06 AM
subject: RE: EIA-Invitation to comment- CSIR Satellitae Antennae at Farm Hartesbeeshoek- Mogale City Local Municipality
mailed-by: dwa.gov.za

Dear Gabriel

Please send me a copy of the EAR for comments.

Wisani Justice Matuleke
Department of Water Affairs and Forestry
Crocodile/ Marico Water Management Area
Tel: 012 392 1409
Cell: 082 804 9817
e-mail: teo@dwa.gov.za

From: Gabriel Ngorima [mailto:gabngorima@gmail.com]
Sent: 15 October 2009 11:35 AM
To: Gabriel Ngorima

Subject: EIA-Invitation to comment- CSIR Satellitae Antennae at Farm Hartesbeeshoek- Mogale City Local Municipality

Dear Stakeholder

- Hide quoted text -

Find attached invitation letter to comment on an Environmental Impact Assessment process for the Development and installation of Satellite Antennae at Farm Hartesbeeshoek 502 JQ by the CSIR Satellite Applications Centre. The centre is located near Hartesbeeshoek Dam in Mogale City Local Municipality of Gauteng Province. Attached also is a locality map and a comment

Done

Internet | Protected Modes: Off

10:44 AM
2/6/2010

Gmail - EIA-Invitation to comment- CSR Solicitas Antennas at Farm Hartebeesthoek- Mogale City - Windows Internet Explorer

https://mail.google.com/mail/?hl=en&shva=1#search=CSR+invitation+to+comment/124101627754900

show details 10/30/09 Reply

Intherin Chetty to me

NB: This email and its contents are subject to the Eskom Holdings Limited EMAIL LEGAL NOTICE which can be viewed at http://www.eskom.co.za/email_legalnotice

High Priority

Hi

Eskom wishes to register as an interested and affected party.

Please forward all detail plans to this office prior to any work taking place.

Regards
Intherin Chetty
Tel:(011)711-2816
Fax:(011)711-2189

Dense | Protected Model Off | 10:46 AM 3/6/2010

Additional Information

from: Gabriel Ngorima <gabngorima@gmail.com>
 to: Gabriel Ngorima <gabngorima@gmail.com>
 cc: mike@hartao.ac.za, mpsschier@mweb.co.za
 date: Thu, Nov 19, 2009 at 2:44 PM
 subject: Additional Information
 mailed-by: gmail.com

hide details 11/19/09 Reply

Dear Interested & Affected Party


Find attached the Proposed layout of the developments at the CSIR Satellite Application Centre(Hartebeeshoek Farm)

Regards

Gabriel T Ngorima
 For & on behalf of Tswelopele Environmental

2 attachments -- Download all attachments

 Layout_of_SACs_site_at_HBK.jpg
 217K View Download

 Description_of_Future_Activities_EIA_final.doc
 99K View as HTML Open as a Google document Download

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About these links

Done

Internet | Protected Mode: Off

11:01 AM
 3/6/2010

Additional Information

from: Michael Gaylard <mike@hartao.ac.za>
 to: Gabriel Ngorima <gabngorima@gmail.com>
 date: Thu, Nov 19, 2009 at 3:15 PM
 subject: Re: Additional Information
 mailed-by: hartao.ac.za

hide details 11/19/09 Reply

Dear Gabriel,

Many thanks for the information.

Regards

Michael Gaylard, PhD
 Hartebeeshoek Radio Astronomy Observatory
 P O Box 443 Krugersdorp 1740
www.hartao.ac.za phone 012-326-0742/67
 - Hide quoted text -

On Thu, November 19, 2009 14:44, Gabriel Ngorima wrote
 > Dear Interested & Affected Party
 >
 > Find attached the Proposed layout of the developments at the CSIR
 > Satellite
 > Application Centre(Hartebeeshoek Farm)
 >
 > Regards
 >
 > Gabriel T Ngorima
 > For & on behalf of Tswelopele Environmental
 >

This communication is privileged, intended solely for the addressee and
 may be confidential. NRF does not accept any liability for any
 consequences resulting from any further unauthorised distribution of this

Internet | Protected Mode: Off

11:01 AM
 3/6/2010

Small - RE: CSIR SAC new antennas - gabngcrima@gmail.com - Windows Internet Explorer

https://mail.google.com/mail/?ui=2&ik=...?search/mike%40hartsrao.ac.za:12144:19:466:190

RE: CSIR SAC new antennas - gabngcrim...

RE: CSIR SAC new antennas inbox | X

Margaret Sabiti to Michael, me

Dear Michael,

Thank you very much for your important input in our project. It is a serious concern you are raising. The project Manager, Gabriel Ngorima will discuss it with CSIR and will get back to you as soon as all facts regarding your issue are gathered.

Dr Margaret Sabiti

-----Original Message-----
 From: Michael Gaylard [mailto:mike@hartsrao.ac.za]
 Sent: 07 October 2009 02:11 PM
 To: msabiti@tswelopele-enviro.com
 Subject: CSIR SAC new antennas

Dear Tswelopele Environmental,

In regard to the sign that was attached to the fence of the Hartebeesthoek Radio Astronomy Observatory, I phoned Mr Matsila and asked him to email me information about this development.

A photo of the sign is attached

This is to confirm that we wish to be supplied with full information regarding the proposed development as soon as possible, preferably by email, as we need to assess how it may impact on our own operations. Our site is adjacent to the CSIR SAC site.

Regards

Michael Gaylard, PhD
 Hartebeesthoek Radio Astronomy Observatory
 P O Box 443 Krugersdorp 1740
 www.hartsrao.ac.za phone (019)296.012/017

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 website Strategy, Search Marketing
 Pay Per Click, online media, SEO
 www.artfactonline.co.za

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 Social Media release strategy,
 implementation & distribution
 www.socialmediarelease.co.za

Building Your Brand?
 Building your Business?
 Unique Synergistic Technologies
 www.tal@tal.co.za

Done

Internet | Protected Mode: Off

11:02 AM
 3/6/2010

Appendix 5 – minutes of any public and or stakeholder meetings

Not applicable

Appendix 6 - Comments and Responses Report

Gmail - Invitation to comment: EIA for CSIR Satellite Antennae at Hartebeesthoek Farm 502JQ - Windows Internet Explorer
 http://mail.google.com/mail/?ui=2&ik=1013709

Invitation to comment: EIA for CSIR Satel

Search | Search Results | Archive | Report spam | Delete | Move to folder | Labels | More options

Invitation to comment: EIA for CSIR Satellite Antennae at Hartebeesthoek Farm 502JQ


From: Gabriel Ngirima <gabrielngirima@gmail.com>
 To: morakanem@mogalecity.gov.za
 Date: Tue, Oct 13, 2009 at 4:08 PM
 Subject: Invitation to comment: EIA for CSIR Satellite Antennae at Hartebeesthoek Farm 502JQ
 cc: gabrielngirima@gmail.com

Dear Morakane

Find attached invitation to comment on the proposed Development and Installation of Satellite Antennae at Hartebeesthoek Farm 502 JQ by the CSIR Satellite Applications Centre. This process has been advertised in the Star and Komaras newspapers and is a Basic assessment process in terms of NEMA. The project falls under your Municipality and we are kindly requesting for your comments. Find attached the locality map and information letter.

- Show quoted text -

2 attachments — Download all attachments



CSIR SAC Locality Map 2009.jpg
 639K [View](#) [Download](#)

CSIR IS&APs Information letter Mogale City 2009.doc
 148K [View as HTML](#) [Open as a Google Document](#) [Download](#)

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PlanMagic.com

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 Motivating Others. Free Report
www.Life-Coach-Training-SA.com

More about...
 Courses in South Africa >
 University Teachers >
 Exam for Self-Motivation >
 South Africa's Parliament > **Gabriel Ngirima**

Done | Internet | Protected Mode: Off | 100% | 12:41 AM | 10/13/2009

Send Mail
Drafts (3/3)
Personal
Trash
Z...
Deleted
Labels

Gabriel Ngoma

Search, add, or create

andimashaba@gmail.com wants to be able to chat with you. Okay?

Write a friend
Give Gmail to:

50 left

Print 20/26

Invitation to comment: EIA for CSIR Satellite Applications Centre

From: Gabriel Ngoma <gabrielngoma@gmail.com>
To: stroh@caa.co.za
Date: Fri, Oct 9, 2009 at 1:15 PM
Subject: Invitation to comment: EIA for CSIR Satellite Applications Centre
Priority: gmail.com

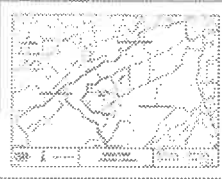
Dear Ms Lizell Stroh

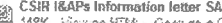
Please find attached letter inviting you to comment on a EIA- Basic Assessment for the installation of new Satellite Antennae at Hartbeeshoek 602 JQ in Mogale City Local Municipality. Based on the nature of the activity and the proximity of the proposed development to Lanseria we need comments from you. The details of the invitation to comment are in the attached letter. I have also attached a Comment sheet and a Locality map.

Kindly acknowledge receipt of this letter. You can also contact me directly on 075 901 4005.

Regards
Gabriel T Ngoma
For and on behalf of Tswelopele Environmental

3 attachments — [Download all attachments](#)

 CSIR SAC Locality_Map_2009.jpg
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 CSIR I&APs Information letter SA Civil Aviation 2009.doc
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Invitation to comment: EIA for CSIR-SAC Satellite Application Centre - gabrielngorima@gmail.com - Windows Internet Explorer

http://www.google.com/.../invitation-to-comment:EIA-for-CSIR-SAC...

Invitation to comment: EIA for CSIR-SAC Satellite Application Centre

From: Gabriel Ngorima <gabrielngorima@gmail.com>
 To: tinka.wiswe@airports.co.za
 Date: Fri, Oct 9, 2009 at 12:48 PM
 Subject: Invitation to comment. EIA for CSIR-SAC Satellite Application Centre
 Mailer-by: gmail.com

hide details 10/9/09

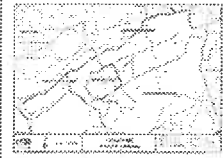
Dear Ms Tinka Wiswe

Please find attached letter inviting you to comment on a EIA- Basic Assessment for the installation of new Satellite Antennae at Hartbeesthoek 502 JQ in Mogate City Local Municipality. The details of the invitation to comment are in the attached letter. I have also attached a Comment sheet and a Locality map.

Kindly acknowledge receipt of this letter. Comments from Lanseria airport are very crucial to the process. You can also contact me directly on 076 3914596.

Regards
 Gabriel T Ngorima
 For and on behalf of Tawelapete Environmental

3 attachments — Download all attachments



CSIR SAC Locality Map_2009.jpg
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 website Strategy, Search Marketing
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 www.artfactonline.co.za

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Internet | Protected Mode: Off | 100% | 10:30 AM | 3/4/2010

Gmail - Invitation to comment: EIA for CSIR-SAC Satellite Application Centre - gabrielngorima@gmail.com - Windows Internet Explorer

https://www.google.com/mail/.../invitation-to-comment:EIA-for-CSIR-SAC...

Invitation to comment: EIA for CSIR-SAC

From: Gabriel Ngorima <gabrielngorima@gmail.com>
 To: tinka.wiswe@airports.co.za
 Date: Fri, Nov 20, 2009 at 8:20 AM
 Subject: Forw: Invitation to comment. EIA for CSIR-SAC Satellite Application Centre
 Mailer-by: gmail.com

hide details 11/20/09

Dear Tinka

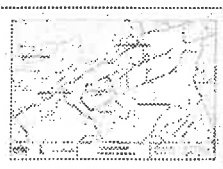
I have sent you an invitation to comment on the EIA Basic assessment for the proposed Satellite Antennae at Hartbeesthoek 502JQ. I am genuinely requesting for comments from you or any delegated authority from Lanseria or the Aviation industry because of the proximity of the proposed project to Lanseria airport. Kindly provide us with comments or advise who we can conduct for comments. I have attached additional information regarding the proposed development.

Hoping to receive from you soon.

Regards
 Gabriel T Ngorima

Forwarded message
 From: Gabriel Ngorima <gabrielngorima@gmail.com>
 - Show quoted text -

3 attachments — Download all attachments



CSIR SAC Locality Map_2009.jpg
 635K View Download

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Invitation to comment: CSIR-Satellite Applications Centre- Hartebeeshoek 502JQ

From: Gabriel Ngorima <gabrieln@lanseria.co.za>
 To: Gavin Sayce <gavin@lanseria.co.za>, danieo@lanseria.co.za
 Date: Fri, Oct 9, 2009 at 12:25 PM
 Subject: Invitation to comment: CSIR-Satellite Applications Centre- Hartebeeshoek 502JQ
 Delivered by: gmail.com

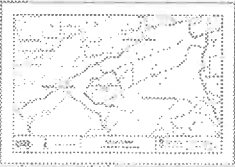
Dear Messrs Gavin Sayce & Danie Opperman

Please find attached letter inviting you to comment on a EIA- Basic Assessment for the installation of new Satellite Antennae at Hartebeeshoek 502 JQ in Mogale City Local Municipality. Based on the nature of the activity and the proximity of the proposed development to Lanseria we need comments from you. The details of the invitation to comment are in the attached letter. I have also attached a Comment sheet and a Locality map.

Kindly acknowledge receipt of this letter. Comments from Lanseria airport are very crucial to the process. You can also contact me directly on 076 901 4008.

Regards
 Gabriel T Ngorima
 For and on behalf of Tswelopele Environmental

3 attachments — [Download all attachments](#)

 CSIR SAC Locality Map_2009.jpg
639K [View](#) [Download](#)

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Invitation to comment: CSIR-Satellite Applications Centre- Hartebeeshoek 502JQ

From: Gabriel Ngorima <gabrieln@lanseria.co.za>
 To: Gavin Sayce <gavin@lanseria.co.za>, danieo@lanseria.co.za
 Date: Fri, Nov 20, 2009 at 8:29 AM
 Subject: Fwd: Invitation to comment: CSIR-Satellite Applications Centre- Hartebeeshoek 502JQ
 Delivered by: gmail.com

Dear Gavin & Danie

I sent you an invitation to comment on the Environmental Impact Assessment for the proposed Satellite Antennae at Farm Hartebeeshoek 502JQ by the CSIR Satellite Application Centre. Because of the proximity of the project to Lanseria airport as part of the public participation for the EIA I need comments from the Aviation industry and specifically delegated authority from Lanseria airport. I have attached additional information of the project other than sent to you on the 9th of October 2009.

The documents attached include.

1. Locality map of the proposed developments
2. Information Letter
3. Description of future activities proposed
4. Registration and Comments sheet and
5. Layout on Google image of the proposed development including the coordinates.

Please kindly acknowledge receipt of this email and also make comments on the proposed development.

Hoping to receive from you soon.

Regards
 Gabriel T Ngorima
 For and on behalf of Tswelopele Environmental

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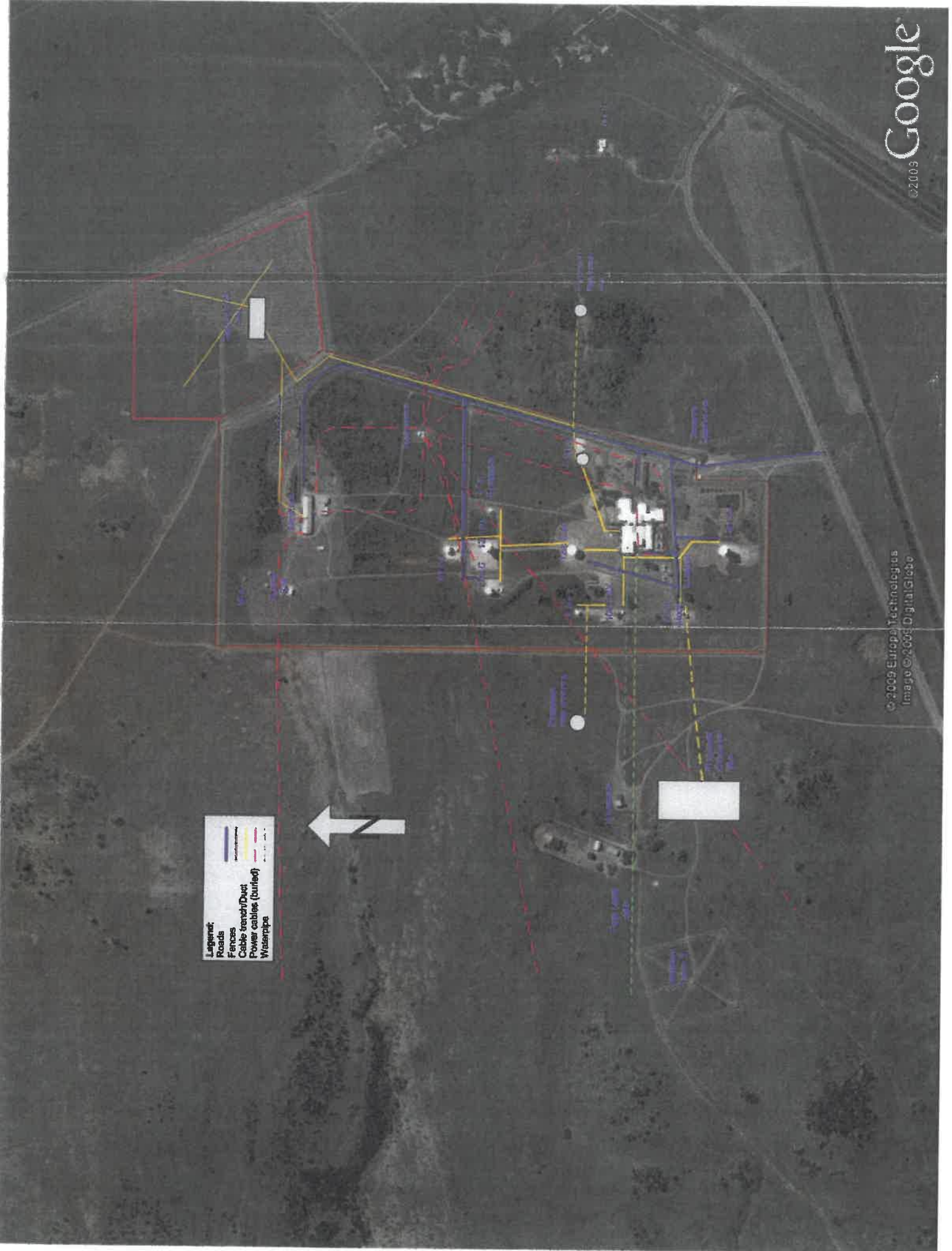
Appendix 7 –Comments from I&APs on Basic Assessment (BA)
Report

Not applicable as draft report has not been reviewed by the
Public

**Appendix 8 –Comments from I&APs on amendments to the
BA report**

Not applicable because report is not being amended

- Legend:**
- Roads
 - Fences
 - Cable trench/Duct
 - Power cables (buried)
 - Wasserpipe



Appendix 10 – Comments from I&APs on the application

ISSUE/COMMENT RAISED	COMMENTATOR/S	REFERENCE	RESPONSE
ISSUES RAISED DURING INITIAL ANNOUNCEMENT PERIOD			
Requested to be registered on the I&AP database, and that detail plans to be sent to their office prior to any construction work.	Ms Inthein Chetty (Eskom Holding)	30 October 2009 Email	Detailed plans will be submitted to Eskom before construction commences
According to database there are no Land Claims lodged for Farm Hartbeesthoek 502 JQ. Requested for any alternative name for Land claims search purposes.	Ms SI Seboka (Regional Land Commissioner: Gauteng and North West Provinces)	10 October 2009 Fax	A different name was provided for Land claims search. The alternate name was provided for the area is Mekgareng Community
Requested for a copy of the Basic Assessment Report	Mr Wisani Justice Maluleke (Department of Water Affairs)	16 October 2009 Email	A copy of the Basic Assessment will be sent to Department of Water Affairs for review when the Draft BAR is finalised. Also indicated that the impact of the development on rivers and wetlands will be fully investigated and relevant Specialist studies have been commissioned.
Requested to be registered on the I&AP database and also requested for full information regarding the proposed development by email. He needs to assess how the development may impact on their own operations located adjacent to the CSIR SAC site	Dr Michael Gayland (Hartbeesthoek Radio Astronomy Observatory))	07 October 2009 Fax	Dr Michael Gayland has been registered on the I&AP database on behalf of Hartbeesthoek Radio Astronomy Observatory. Dr Gayland has been provided with detailed information and he has acknowledged receipt
ISSUES RAISED DURING REVIEW PERIOD OF DRAFT SCOPING REPORT			
Report still has not gone for Public Review			

Name	issue
Interested & Affected Party at Public Meeting	
Mr Patrick Kaye (Burghley Fams)	The Regional Environmental Management Framework (EMF) should consider all current and future waterways.
Mr Paul Fairal (Private)	The Hennops and Crocodile river are highly polluted.
2. ISSUES RELATING TO WETLANDS, TERRESTRIAL ECOLOGY AND BIODIVERSITY	
Mrs Alwina Brand (Resident)	There are wetlands and waterways in the Blue Hills area. There are endangered species in Blue Hills i.e. such as grass owls (a bleeding pair) in the area.
Mr Patrick Kaye (Burghley Fams)	The Regional EMF should consider the current and future ecology as well as the green belt.
Mr and Mrs Muller (Residents)	Wetlands and sensitive areas need to be managed and this has costs implications, leaving these areas to the impact of weeds and vagrants is not conducive to an ecologically managed area i.e. extremism is not acceptable and a fair balance is required.
Ms Kristin Kallesen (Peaceful Scapes)	The Regional EMF should consider the equestrian industry, the Red data species, nature conservancy, the agricultural area as a green lung as well as its functioning as a buffer to developed areas. Preserving the way of life in agricultural areas is important.
Mrs Carmen Maynard (The Sandpiper Trust)	The footprint should be more than 10% rather than the suggested 5%.
Mr Paul Fairal (Private)	The greater Johannesburg area has a catchment plan and information on phosphates in the rivers. The contact details of the relevant persons to be forwarded to SEF.
Mr Paul Fairal (Private)	Requested that the study clearly define wetlands and perennial rivers in the study area.
Mr Paul Fairal (Private)	The bottom south area is saturated with Bull frogs.
3. ISSUES RELATING TO SOILS	
Mrs Carmen Maynard (The Sandpiper Trust)	Cattle grazing are causing destruction to the environment and it leads to erosion.
5. ISSUES RELATED TO INFRASTRUCTURE / ROADS / TRANSPORT	
Mr Patrick Kaye (Burghley Fams)	The Regional EMF should consider the current and future road infrastructure.
Ms Kristin Kallesen (Peaceful Scapes)	The Regional EMF should consider infrastructure in general.
Resident	Will the east expansion of Diepsloot go beyond the R511?
Mr Paul Fairal (Private)	There are many informal taxi ranks in the area. Additional information relating to this will be forwarded to SEF.
13. ISSUES RELATING TO PROPERTY	
Mr and Mrs Muller (Residents)	The existing and future rights of the property owners should be considered, the balance between the environment and the property rights of the individuals is paramount, i.e. the much talked about 5% footprints will not be feasible on a farm where the majority of the farm is used for grazing and the planting of fodder or crops.
16. ISSUES RELATING TO THE PUBLIC PARTICIPATION PROCESS	
Mr Chris de Villiers	GECKO Conservancy should be included in the database as part of the sensitive areas.
Ms Rajeshree Bhana (Assistant Director: Environmental Impact Management)	Requested that the City of Johannesburg Environmental Impact Management subdirectorates be registered as a stakeholder and further requested that a copy of a Status Quo report be forwarded to herself.
Mr E.L. Tattersall (Carlswald Plot Watch)	Requested to be kept fully informed.
17. OTHER ISSUES	

Mr Patrick Kaye (Burghley Farms)	The Regional EMF should consider the current and future recreational areas in the study area.
Mr Douglas Sinclair (CM Electrical)	The Regional EMF should consider the areas of potential conflict between Development Proposals and the Rhenosterspruit Nature Conservancy.
Ms Kristin Kallesen (Peaceful Scapes)	The Regional EMF should consider the heat Island phenomena caused by development.
Mr Paul Fairal (Private)	Concern was raised that the study was mainly a desktop study, and that the statistics and C-plan used as sources of information are outdated.
Mr Paul Fairal (Private)	The capacity of the Sunderland Ridge sewerage is a negative 13%.
Mr John Wesson (WESSA)	Enquired whether SEF were aware of the Magalies buffer zone? Volunteered to forward the relevant information to SEF.
Mr Paul Fairal (Private)	The Lanseria node is an industrial area and has been proclaimed as such.
Ms Helen Duigan (Rhenestospuit conservancy)	The Rhenosterspruit conservancy falls within the buffer zone parameters of the Cradle of Human Kind.
Ms Margie Donde (GECKO)	Studies were not done in conjunction with the stakeholders. Why are there studies in this area when there is no infrastructure? Who and what according to the EMF is given priority, and what according to the EMF is biased?
Interested & Affected Party at Public Meeting	GDACE maps are outdated and ignored. No official from GDACE has been to the Kyalami area in a while.
Mr John Wesson (WESSA)	The deviation of Hartebeestpoort should form part of the process.
Interested & Affected Party at Public Meeting	Is SEF involved in compliance monitoring after development?
Mr Bruce Warren (Chartwell Country Estates)	Stated that the Chartwell Country Estate has a storm water problem. Enquired about the study boundary and whether the Chartwell Country Estate are included in the study. Questioned whether the purpose of a Regional EMF are to flag problems and to make relevant recommendations.

response	date	means
	19-May-08	Fax
	29-May-08	Public meeting
	19-May-08	Fax
	19-May-08	Fax
	29-May-08	Fax
	29-May-08	Fax
	02-Jun-08	Fax
	29-May-08	Public meeting
	29-May-08	Public meeting
	29-May-08	Public meeting
	02-Jun-08	Fax
	19-May-08	Fax
	29-May-08	Fax
	29-May-08	Public meeting
	29-May-08	Public meeting
	29-May-08	Fax
	16-May-08	Fax
Ms Bhana was registered as an interested and affected party (I&AP) on the stakeholder database and will be notified of the availability of the Status Quo report for review.	16-May-08	Fax
Mr Tattersall was registered as an I&AP on the stakeholder database and will be kept informed of the project progress.	19-May-08	Fax

Appendix 11 - Other

Correspondences with Authority

Appendix I 1: Acknowledgement of Receipt Letter

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT



Diamond Corner Building, 68 Eloff & Market Street, Johannesburg
P O Box 8769, Johannesburg, 2000

Telephone: (011) 355-1900
Fax: (011) 337-2292

Reference:	Gaut 002/09-10/N0227
Enquiries:	Thembehle Mlangeni
Telephone:	(011) 355-1830
Email:	Thembehle.mlangeni@gauteng.gov.za

Tshwelopele Environmental (Pty) Ltd

Fax no: 012 334 5001

Dear Sir/ Madam

**Intention to make application for environmental authorization / Development and
Installation of satellite antennae at the CSIR Satellite application centre on Farm
Hartebeesthoek 502 JQ**

The Department acknowledges receipt of your letter/notification form on 29/07/2009 indicating that **CSIR Satellite Application Centre** making an application to this department for environmental authorisation.

The application has been assigned the interim reference number Gaut 002/09-10/N0227. You are entitled to submit five (5) Basic Assessment reports; three of them must be in full color.

In order to determine whether a biodiversity assessment is required and, if so, which specialist studies are required, please send a shapefile (WGS84 datum; geographic co-ordinate system) of the application site to our biodiversity information service (GDACE_BiodiversityInfo@gauteng.gov.za), the e-mail clearly indicating the project reference number. Where biodiversity assessment is required; please ensure that it is conducted consistent with the *GDACE Requirements for Biodiversity Assessments*. A copy of this document can be obtained by e-mailing GDACE_BiodiversityInfo@gauteng.gov.za or can be downloaded from www.gdace.gpg.gov.za.

Kindly quote this reference number in any future correspondence in respect of the application.

Yours faithfully



Mr. N. Makhathini

Assistant Director: Strategic Administration Support

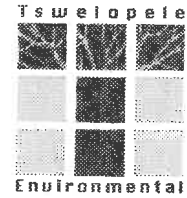
Date: 04/08/2009

CC: **CSIR Satellite Applications Centre**

Attn: **Raoul C. Hodges & George Baloyi**
Tel: 012 334 5000/5118
Fax: 012 334 5001

Appendix I 2: Correspondences with Biodiversity Unit of GDARD

Tswelopele Environmental (Pty) Ltd
Registration Number: 2000/028925/07
Vat Registration Number: 4420207955
Directors: Dr Margaret Kalule-Sabiti (Managing), Charlotte Maphaha



**P.O. Box 709 Sanlam Centre
Randburg, 2125
Johannesburg**
Telephone: (011) 781-8020/31
Dr. Margaret Sabiti Mobile: 082 806 8520
msabiti@tswelopele-enviro.com
www.tswelopeleenvironmental.co.za

**368 Oak Avenue
Randburg, 2194
Johannesburg**
Fax: 086 691 0048
Date 25/07/09

ATTENTION: GDACE SUE Branch

Development and installation of satellite antennae at the CSIR Satellite Applications Centre on Farm Hartebeesthoek 502 JQ, Mogale City in Gauteng

Find enclosed the Notice of intention to submit application subject to a basic assessment for the Development and installation of satellite antennae at the CSIR Satellite Applications Centre.

A Locality map and a Cadastral map are also attached.

I hope this is in order.

Faithfully Yours

A handwritten signature in black ink, appearing to read 'G. Ngorima', written in a cursive style.

Gabriel T Ngorima
Project Manager- 076 901 4006

Appendix I: Other information

Not applicable

Appendix G: Specialist reports

Appendix 9 – Copy of the register of I&APs

Appendix G1: Ecological Assessment