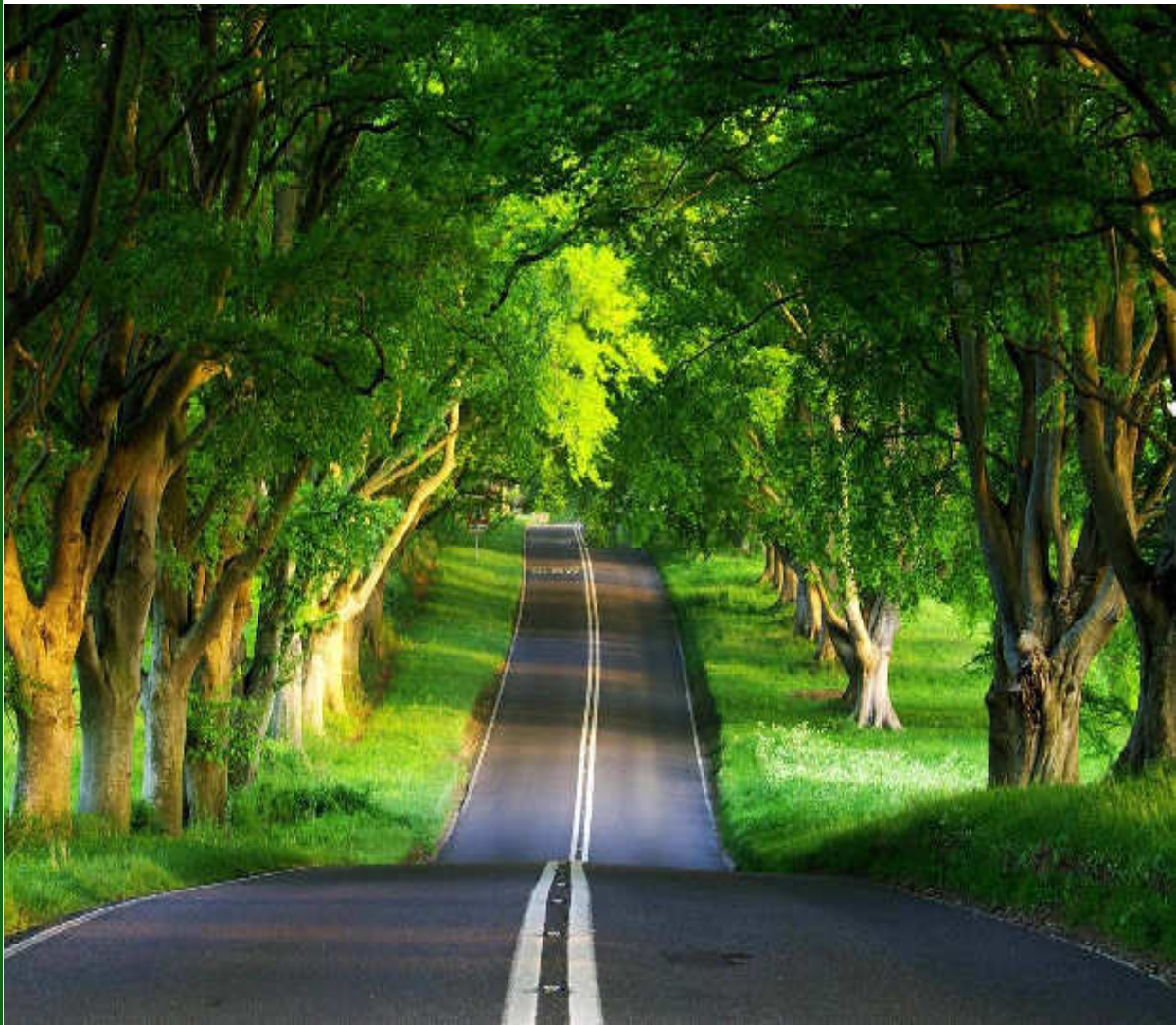


Draft Environmental Impact Assessment Report for Olievenhoutbosch Road

GAUT: 002/11-12/E0135

November 2014

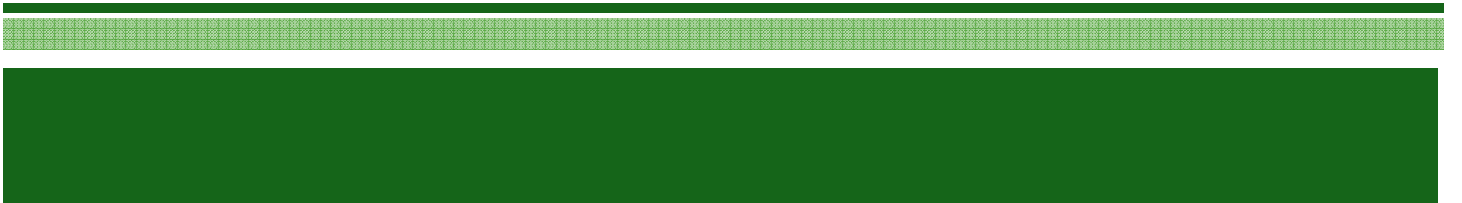


LEBOMBO GARDEN BUILDING 36 LEBOMBO ROAD
ASHLEA GARDENS
0081
P.O. BOX 11375
MAROELANA
Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za



Annexure H

Correspondence from SARHA



Letter

In terms of Section 38 of the National Heritage Resources Act (Act 25 of 1999)

Attention: JR 209 Investments (Pty) Ltd

Portion 1, Portion 188 and the Remainder of Portion 330; Portion 335 and Portion 5 of the Farm Doornkloof 391 JR; the Road reserve of Nellmapius Drive/M31 and the Road servitude of the R21

Thank you for your notification regarding this development.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that prior to development it is incumbent on the developer to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

The quickest process to follow for the archaeological component is to contract an accredited specialist (see the web site of the Association of Southern African Professional Archaeologists www.asapa.org.za) to provide a Phase 1 Archaeological Impact Assessment Report. This must be done before any large development takes place.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.

Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Palaeontological Desk Top study must be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary.

If the property is very small or disturbed and there is no significant site the heritage specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.





Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Andrew Salomon
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

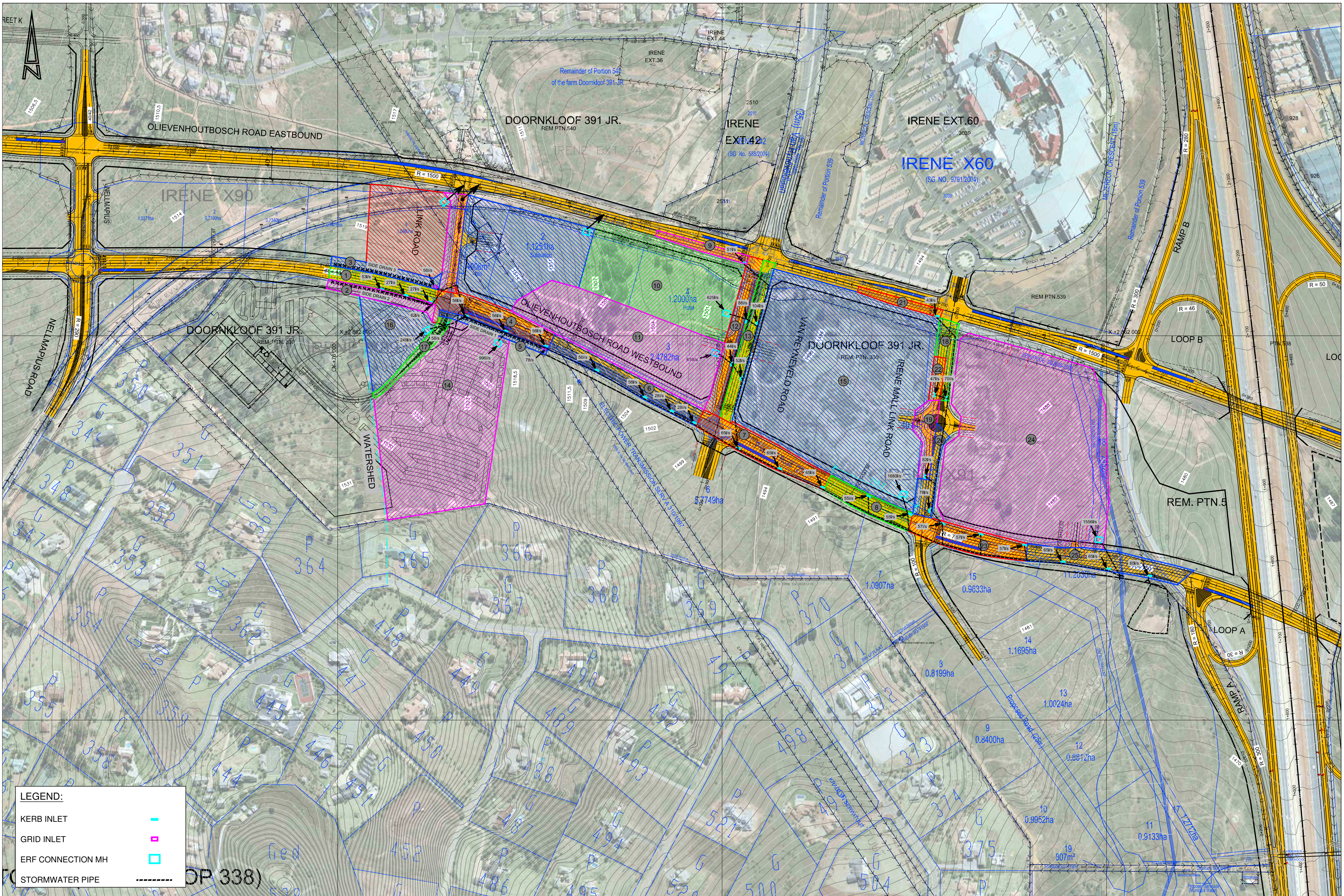
Direct URL to case: <http://www.sahra.org.za/node/136557>
(GDARD, Ref: Gaut: 002/11-12/E0135)



Annexure I

Stormwater Management Plan





LEGEND:

KERB INLET	
GRID INLET	
ERF CONNECTION MH	
STORMWATER PIPE	

its
 29 De Havilland Crescent
 Pro Park, Building 1
 Pretorius Technopark
 Pretoria
 0001
 Tel: (012) 349 1664
 Fax: (012) 349 1665
 mail@its.co.za
 www.its.co.za

CLIENT: M Development Irene Land

APPROVED		SIGNED	DATE

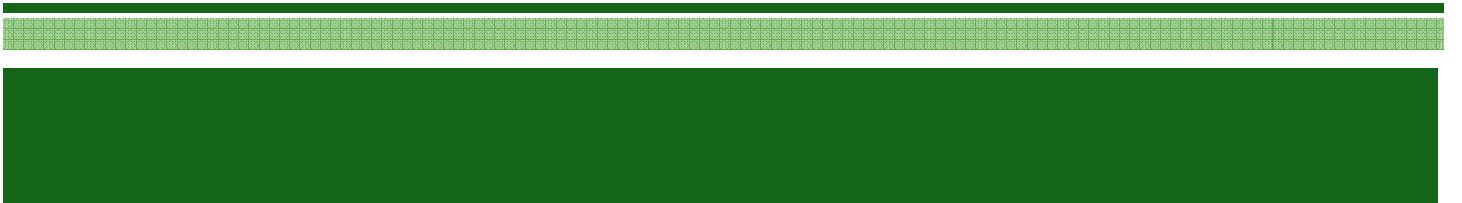
NO.	DATE	FOR APPROVAL	REVISION
0	SEPT 11		

DESIGNED:	DRAWN:	CHECKED:	NAME:	STATUS:	DATE:
J. ERASMUS	J. BECKER	J. COETZEE			

PROJECT: OLIEVENHOUTBOSCH ROAD - PRELIMINARY DESIGN (NELLMAPIUS - K54)
 DRAWING TITLE: STORMWATER - MASTER PLAN
 SCALE: 1:1500@A0
 REV: 0
 DATE: 2012/05/30
 DRAWING NUMBER: 2827/SWMP/01

Annexure J

Service Scheme Report



591
1020



Cherry + Associates RD

IRENE EXTENSION 91

**SERVICE SCHEME REPORT
ROADS AND STORMWATER**

MARCH 2011



Prepared for:
M&T Development
P.O. Box 39727
Faerie Glen
0043



Prepared by:
Velo VKE
P.O. Box 72927
Lynnwood Ridge
0040

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Annexure List

Annexure A	Proposed Township Layout
Annexure B	Traffic Impact Study
Annexure C	Key Plan (Roads & Stormwater)
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1 INTRODUCTION

M&T Development is proposing the development of Irene Extension 91, situated on part of Portion 330 of the farm Doornbloed 391-JR.

1.1 LOCATION

The site is located within the City of Tshwane Metropolitan Municipality, to the north and east of the Cornwall Hill residential estate, west of the Nellmapius Interchange on the R21 freeway between Pretoria and the O R Tambo International Airport. The section to be developed as Irene Extension 91 is bordered in the south and west by the Cornwall Hill Estate, in the north by the existing Nellmapius Drive, and in the east by the R21 Freeway and the Nellmapius interchange.

1.2 DEVELOPMENT

The proposed development will be a mixed-use development as shown on Plan No. IRNX91-1, attached as Annexure A. The land use budget is also defined on the plan.

1.3 DEVELOPER

The details of the developer are follows:

- Company: JR 209 Investments (Pty) Ltd
- Trading as: M&T Development
- Registration no.: 2000/020447/07
- Physical address: 1st Floor, Eco Court, 340 Witch-Hazel Street, Highveld Ext. 70, Centurion, 0157
- Postal address: P O Box 39727, Faerie Glen, 0043
- Telephone no.: (012) 676-8500
- Fax no.: (012) 676-8585
- Authorized person: James Barry Munnik Hertzog (ID No. 660830 5017 083)

1.4 ENGINEERS

Vela VKE Consulting Engineers (Pty) Ltd was appointed by M&T Development for the provision of the Roads and Stormwater services for the proposed development (see Annexure D). The details of the company and the individual responsible for this project are as follows:

- Company: Vela VKE Consulting Engineers (Pty) Ltd
 - Physical address: 230 Albertus Street, La Montagne, 0184
 - Postal address: P.O Box 72927, Lynnwood Ridge, 0040
 - Telephone no.: (012) 481-3800
 - Fax no.: (012) 803-7943
 - Responsible person: A W Malan (Technical Director - Pr. Eng 20070105)
 - Cell phone number: 082 940 3834
 - E-mail address: malana@velavke.co.za
- LV & Partners (Pieter Lindeque; 012 664 6490) was similarly appointed for the Water and Sewer services and Geopower (Robert Zietsman; 012 361 5000) for the Electrical and Telephone services.

2 TRAFFIC IMPACT STUDY

The Traffic Impact Study for Irene x91 was compiled by ITS Engineers, submitted to City of Tshwane and comprises two documents:

- Traffic Impact Study : Irene x91, dated March 2011 (attached in Annexure B)
- Traffic Impact Study : N1, R21 Development Area Master Plan dated March 2011 (extracts attached in Annexure B)

The Trip Generation Tables indicate 2984 trips generated during the AM peak hour and 4108 trips generated during the PM peak hour.

The Traffic Impact Study states that several strategic road network upgrades are required to accommodate the developments in the area. A cost apportionment model, showing a total cost of R 92 million attributed to Irene x91, was also proposed which must form the basis for an implementation strategy for the various developments in the area. This implementation strategy must be agreed on and will form part of the final services agreement to be entered into with the local authority.

3 ROADS AND STREETS

Refer to the township layout (Annexure A), the Traffic Impact Study (Annexure B) and the Key Plan (Annexure C).

3.1 EXISTING ROADS AND TOWNSHIP ACCESS

The existing Nelimapius Drive runs to the north of the proposed township. The Irene x91 township will gain access to the existing road network through the extension of Van Ryneveld Avenue from the existing intersection on Nelimapius Drive.

3.2 PROPOSED ROAD UPGRADES

The road upgrades to be implemented as part of the Irene x91 township will be based on the implementation strategy as discussed in the Traffic Impact Study and as agreed to by all the relevant parties.

3.3 PLANNED FUTURE ROAD NETWORK

The Traffic Impact Study proposes that Olievenhoutbosch Drive be developed as a one-way couplet. The eastbound leg of this one-way couplet adjacent to the Irene x91 township will follow the alignment of the existing Nelimapius Drive. The westbound leg of the one-way couplet passes through the Irene x91 township inside a 40m road reserve. The required road reserve widths for the two legs of the one-way couplet must be confirmed by the City of Tshwane.

The Irene x91 township layout makes provision for the road reserve of the future Olievenhoutbosch/R21 split diamond interchange.

3.4 TOWNSHIP STREETS

A public class 4 road will be constructed inside a 25m road reserve from an intersection on the westbound Olievenhoutbosch Drive to at cul-de-sac at the entrance to erf 13. A public class 5 road will be constructed inside a 16m road reserve from the class 4 road up to a traffic circle cul-de-sac giving access to erven 6, 7, 8 and 11.

All township streets will be constructed in accordance with the applicable standards of the City of Tshwane Metropolitan Municipality and according to the Guidelines for Human Settlement Planning and Design issued by the CSIR. Road widths will comply with municipal standards.

All township streets will be designed with a 3% chamber and provided with 150mm concrete channels and Figure 7 semi-mountable kerbs. Ramps will be provided at the accesses to individual erven. The minimum radii at intersections will be 10m.

3.5 ACCESS TO ERVEN

Access to the public transport facility on erf 1 will be integrated with the design of the public road to the west of erf 1.

Access to the municipal erf 2 will be via a right of way servitude on erf 1.

Access to erf 3 will be in the form of right-in-right-out access from both legs of the Olievenhoutbosch one-way couplet, as well as full access from the extension of Van Rynveld Avenue.

Access to erf 4 will be from the Van Rynveld Avenue extension, midway between the two legs of the one-way couplet, as well as both legs of the Olievenhoutbosch one-way couplet, with a possible future road linking the two legs of the one-way couplet through erf 4.

Access to erf 5 will be at the intersection between Van Rynveld Avenue and the westbound leg of the one-way couplet, which also provides access via a right of way to the adjacent Irene x89 township.

Access to erven 6, 7, 8 and 11 will be at the traffic circle cul-de-sac on the 16m wide class 5 public road.

Access to erven 9, 10, 12 and 13 will be direct from the class 4 public road.

3.6 PAVEMENT DESIGN

All township roads and streets will be flexible pavements and designed and constructed in accordance with the applicable standards of the City of Tshwane Metropolitan Municipality and according to the Guidelines for Human Settlement Planning and Design issued by the CSIR.

4 STORMWATER DRAINAGE

The proposed township is affected by three main catchments:

- The largest catchment conveys discharge from the north through existing culverts underneath Nelinapius Drive and the R21 freeway.
- The second catchment discharges concentrated flow from the existing Cornwall Hill Estate and the proposed Irene x89 township, which are situated west of the proposed township.
- The third catchment is the proposed township itself.

4.1 DRAINAGE SYSTEMS

Stormwater drainage systems will comprise concrete pipe culverts up to 1350mm diameter. Refer to Plan No. PC149-x91-R1-DKp01 attached as Annexure C. These drainage systems will be installed in accordance with the applicable standards of the City of Tshwane Metropolitan Municipality.

The pipes will be concrete with spigot and socket joints due to the dolomitic nature of the area. The pipes will be sized to accommodate at least 1 in 5 year storms. The combination of pipes and street flow will convey 1 in 25 year floods to the lowest points, where the 1 in 25 year floods will be intercepted and conveyed to the discharge points.

The floodline canalisation systems comprise concrete lined canals in combination with earth berms, concrete box culverts and concrete pipe culverts. These systems are sized to accommodate 1 in 100 year floods.

Stormwater servitudes will be required as indicated to accommodate the stormwater run-off from the higher lying stands.

4.2 FLOODLINES

The proposed township is affected by the 1 in 100 year floodline as shown on the township layout. North of the public class 4 road providing access to erf 13, the floodline will be managed within canalisation systems along the eastern township boundary. North of the westbound Olievenhoutbosch, the system is located inside a 10m stormwater servitude along the eastern boundary of erf 4. South of the westbound Olievenhoutbosch, the system is located on public open space erf 15. South of the public class 4 road the natural floodline will be maintained on public open space erf 14.

The proposed township is also affected by the 1 in 100 year floodline resulting from the Sesmylspruit backwater, to a level of 1453,5m. The flow of the river, and therefore this floodline, is affected by the existing Cornwall Hill Estate township boundary wall. This floodline is located on public open space erf 14.

4.3 STORMWATER MANAGEMENT

The stormwater run-off from the largest catchment situated to the north of the township will be accommodated in canalisation systems comprising concrete canals, earth berms, concrete box culverts and concrete pipe culverts sized to accommodate 1 in 100 year floods.

The floodline on erf 4 will be managed through a trapezoidal concrete canal inside a 10m servitude along the eastern boundary of erf 4, from where it will discharge through 2 x 2400 x 1500mm box culverts underneath the westbound leg of Olievenhoutbosch, into the existing dam.

The floodline south of the existing dam will be canalised through a combination of a concrete canal and earth berm, containing the stormwater run-off within the confines of the public open space erf 15. The concrete canal will daylight upstream of the public class 4 road, resulting in stormwater run-off on natural ground level, spread over a wide area by an energy dissipater for erosion protection consisting of an outlet structure, gabion boxes and mattresses. The run-off will be contained within erf 15 through an earth berm along the eastern boundary of erf 9 and discharged underneath the road through a set of 25 x 1350mm diameter pipe culverts into the existing floodline south of the road. The natural floodline south of the road will be maintained on public open space erf 14.

The stormwater run-off from erven 1, 2 and 3 will be accommodated in a system inside a 3m stormwater servitude along the northern boundary of erven 2 and 3, and linked into the system inside the Van Rynveld Avenue road reserve, which in turn links into the system inside the westbound Olievenhoutbosch road reserve.

The stormwater run-off draining towards the westbound Olievenhoutbosch from sections of the proposed Irene x89 township and Irene x91 erf 5, will be accommodated in the system installed inside the road reserve. This system inside the westbound Olievenhoutbosch road reserve discharges into the existing dam on public open space erf 15.

The stormwater run-off from the western section of erf 4 is accommodated in the system installed inside the future road reserve and linked into the system inside the westbound Olievenhoutbosch road reserve.

The stormwater run-off from the eastern section of erf 4 is linked into the canal inside the 30m servitude along the eastern boundary of erf 4.

The stormwater run-off draining onto erf 5 from a section of the proposed Irene x89 township will be accommodated in a system inside a 3m stormwater servitude and linked into the system inside the public access road reserve.

The stormwater run-off from Cornwall Hill Estate discharged at the southern tip of erf 5 (between Cornwall Hill erf 371 and 372), will be intercepted by the pipe system installed inside the 3m stormwater servitude at this location, linking into the system inside the public road reserve. This run-off from Cornwall Hill Estate results in an increase in the size of the Irene x91 internal drainage system from 750mm diameter pipe culverts to 1200mm diameter pipe culverts. The size of the final sections of this system is increased from 900mm diameter to 1350mm diameter as a result of the additional run-off from Cornwall Hill Estate.

The stormwater run-off from erven 6, 8, 9, 10 and 11 is linked into the system inside the public access road reserve. This system discharges into the floodline, with appropriate erosion protection at the outlet.

The stormwater run-off from erf 7 links into the canalisation system on public open space erf 15.

The stormwater run-off from Cornwall Hill Estate discharging onto Irene x91 erf 12 either side of Cornwall Hill erf 377, will be intercepted by 1350mm diameter pipe culverts inside 3m stormwater servitudes. This system then runs parallel to an existing servitude and discharges into the floodline on public open space erf 14, with appropriate erosion protection at the outlet.

The servitudes required to accommodate the proposed drainage system are shown on the Township Layout (Annexure A) and the Key Plan (Annexure C).

5 COST ESTIMATE AND APPORTIONMENT

The construction cost of the roads and stormwater services as well as the acquisition of the related road reserves and servitudes are distributed between the Developer and the City of Tshwane, as discussed below.

5.1 ROADS AND RESERVES

The cost of upgrading the Nellmapius Interchange to a split diamond interchange, with the accompanying road reserve acquisition, should be allocated to the City of Tshwane but is not discussed in further detail in this report.

The cost apportionment and implementation strategy of the road network in the area is to be finalised with the local authority and other interested parties. Some of the cost associated with the road network upgrades have been included in the cost estimate described in this report.

The Ollievenhoutbosch Drive one-way couplet is a Class 3 road and is therefore allocated to the City of Tshwane. A two lane single carriageway inside the westbound Ollievenhoutbosch road reserve, between the Link Road and the class 4 public access road, will provide sufficient access to Irene x91 should the Ollievenhoutbosch one-way couplet not be implemented prior to development of the township. This report therefore only includes the cost associated with the construction of such a single carriageway in terms of the westbound Ollievenhoutbosch.

The extension of Van Ryneveld Avenue, the Link Road and the public access road towards erf 13 are Class 4 roads and therefore the Developer is responsible for the first 7,4m surfaced width and the first 20m road reserve width, with the remainder of the cost and road reserve being allocated to the City of Tshwane.

The public access road giving access to erven 6, 7, 8 and 11 is a Class 5 road and therefore the Developer is responsible for all the costs associated with this road.

5.2 STORMWATER AND SERVITUDES

The stormwater run-off from the catchment area north of the Irene x91 township created an unnatural floodline on Irene x91 between Nellmapius Drive and the existing dam to the south. The section of the canal up to the existing dam is required to accommodate this external stormwater run-off and therefore the cost and associated servitude for this canalisation are allocated to the City of Tshwane.

The floodline between the existing dam and the class 4 public access road to erf 13 will be managed by a canalisation system. This canalisation system mainly manages external stormwater, with the township stormwater run-off added to this system having a negligible effect on the size of the system. Therefore, the cost and associated public open space required for this system are allocated to the City of Tshwane.

The floodline south of the class 4 public access road will be maintained inside public open space erf 14.

The cost and servitudes related to managing the stormwater run-off from the Cornwall Hill Estate through Irene x91 are allocated to the City of Tshwane. This includes the increase in the township drainage system culvert sizes due to the additional run-off from Cornwall Hill.

5.3 COST ESTIMATE

The construction costs are estimated based on unit rates obtained from the recent construction costs of similar projects.

Table 5.1 shows a summary of the cost estimate, Table 5.2 the distribution of the acquisition of road reserves. The cost estimates for the roadworks and stormwater drainages are shown in Table 5.3 and Table 5.4 respectively.

Table 5.1: Summary of cost estimate

Description	Developer	City of Tshwane	Total
Roadworks	R 6,280,500.00	R 9,216,100.00	R 15,496,600.00
Stormwater drainage	R 6,009,300.00	R 7,993,850.00	R 13,997,150.00
Total Construction	R 12,289,800.00	R 17,209,950.00	R 29,499,750.00
P&G's (20%)	R 2,456,760.00	R 3,441,990.00	R 5,898,750.00
Professional Fees	R 614,190.00	R 860,497.50	R 1,474,687.50
Sub Total	R 15,354,750.00	R 21,512,437.50	R 36,867,187.50
VAT (14%)	R 2,149,665.00	R 3,011,741.25	R 5,161,406.25
Total	R 17,504,415.00	R 24,524,178.75	R 42,028,593.75

Table 5.2: Distribution of acquisition of road reserves

Road/Street	Class	Length (m)	Road Reserve Area (m ²)		
			Developer	Municipality	Total
Olievenhoutbosch West	3	740	0	43,650	43,650
Van Ryneveld Extension	4	200	4,000	2,515	6,515
Link Road	4	80	1,600	1,355	2,955
Public Access Road (1)	4	690	13,800	4,025	17,825
Public Access Road (2)	5	110	3,332	0	3,332
			22,732	51,545	74,277

Table 5.3: Cost estimate - Roadworks

Road/Street	Class	Length (m)	Surfaced Area (m ²)			Unit Rate (R/m ²)	Construction Cost (excl. VAT)		
			Developer	Municipality	Total		Developer	Municipality	Total
Olievenhoutbosch West	3	740	0	6,068	6,068	R 950.00	R -	R 5,764,600.00	R 5,764,600.00
Van Ryneveld Extension	4	200	1,480	3,260	4,740	R 750.00	R 1,110,000.00	R 2,445,000.00	R 3,555,000.00
Link Road	4	80	592	818	1,410	R 750.00	R 444,000.00	R 613,500.00	R 1,057,500.00
Public Access Road (1)	4	690	5,106	524	5,630	R 750.00	R 3,829,500.00	R 393,000.00	R 4,222,500.00
Public Access Road (2)	5	110	1,380	0	1,380	R 650.00	R 897,000.00	R -	R 897,000.00
			8,558	10,670	19,228		R 6,280,500.00	R 9,216,100.00	R 15,496,600.00

Table 5.4: Cost estimate - Stormwater

Item	Unit Rate (R/m)	Quantities (m)			Construction Cost (excl. VAT)		
		Developer	Municipality	Total	Developer	Municipality	Total
450mm Ø P.C.	R 1,110.00	590	0	590	R 654,900.00	R -	R 654,900.00
525mm Ø P.C.	R 1,530.00	250	0	250	R 382,500.00	R -	R 382,500.00
600mm Ø P.C.	R 1,670.00	1,020	0	1,020	R 1,703,400.00	R -	R 1,703,400.00
750mm Ø P.C.	R 2,120.00	1,005	-425	580	R 2,130,600.00	R -901,000.00	R 1,229,600.00
900mm Ø P.C.	R 2,940.00	385	-95	290	R 1,131,900.00	R -279,300.00	R 852,600.00
1200mm Ø P.C.	R 4,590.00	0	425	425	R -	R 1,950,750.00	R 1,950,750.00
1350mm Ø P.C.	R 6,040.00	0	660	660	R -	R 3,986,400.00	R 3,986,400.00
2400 x 1500 B.C.	R 19,400.00	0	35	35	R -	R 679,000.00	R 679,000.00
Canalisation (1)	R 3,000.00	0	286	286	R -	R 858,000.00	R 858,000.00
Canalisation (2)	R 5,000.00	0	340	340	R -	R 1,700,000.00	R 1,700,000.00
Total					R 6,008,300.00	R 7,993,850.00	R 13,997,150.00

6 CONTRIBUTIONS BY THE DEVELOPER

6.1 CONTRIBUTIONS TOWARDS BOUNDARY SERVICES

These contributions will be determined in terms of the City of Tshwane Metropolitan Municipality's current policy.

6.2 BULK SERVICES CONTRIBUTIONS

The bulk service contributions are based on the rights of each erf and the current policy applicable at the City of Tshwane Metropolitan Municipality.

The developer proposes that these contributions be utilized to construct services which are the responsibility of the municipality.

7 DEVELOPMENT PHASES AND CONSTRUCTION PERIOD

The development of the township will be done in phases and will be subject to market forces/economic conditions. The estimated construction period for the phases constructed consecutively is 12 months.

Annexure K

Public Participation



Annexure K(i)

Site Notice



NOTICE OF ENVIRONMENTAL SCOPING PROCESS

Notice is given of an application for Environmental Authorisation that was submitted to the Gauteng Department of Agriculture and Rural Development, in terms of Regulation No. R543 published in the Government Notice No. 33306 of 18 June 2010 of the National Environment Management Act, 1998 (Act No. 107 of 1998) governing **Environmental Scoping Procedures (Listing Notice: 1, 2 and 3 – Governing Notice R5.44, R545 & R546)** for the following activity:

Project Name: Olievenhoutbosch Road from Main Road to K54.

Reference Number: Gaut 002/11-12/E0135

Property Description: Portion 1, Portion 188 and the Remainder of Portion 330; Portion 335 and Portion 5 of the Farm Doornkloof 391-JR; the Road reserve of Nellapius Drive/M31 and the Road servitude of the R21.

Proposed Zoning Information: The current zoning is “Agriculture”

Extent of Development: The proposed road is approximately 4,67785 km in extent.

Listing Notices Applied For:

GNR 544 (Listing Notice 1), 18 June 2010	Activity 11
GNR 544 (Listing Notice 1), 18 June 2010	Activity 18
GNR 545 (Listing Notice 2), 18 June 2010	Activity 18
GNR 546 (Listing Notice 3), 18 June 2010	Activity 4
GNR 544 (Listing Notice 3), 18 June 2010	Activity 13
GNR 544 (Listing Notice 3), 18 June 2010	Activity 19

Proponent Name: JR 209 Investments (Pty) Ltd trading as M&T Development.

Location: The proposed road will connect Main Road with the K54. The proposed Olievenhoutbosch Road is located south of the N1 Highway, west of the K54, east of Main Road and to the north of Comwall Hill.

Date of Notice: 13 October 2011

Queries regarding this matter should be referred to:

Bokamoso Landscape Architects and Environmental Consultants

George Gercke / Genevieve Tedoux

P.O. Box 11375

Marolana 0161

www.bokamoso.net

Tel: (012) 346 3810

Fax: (086) 570 5659

E-mail: lizeleg@mweb.co.za

In order to ensure that you are identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to the contact person given above **within 40 days of publication of this advertisement.**

Annexure K(ii)

Notice/flyers distributed to I&AP's



O LIEVENHOUT BOSCH ROAD FROM MAIN ROAD TO K54.

NOTICE OF ENVIRONMENTAL SCOPING PROCESS

Notice is given of an application for Environmental Authorisation that was submitted to the Gauteng Department of Agriculture and Rural Development, in terms of Regulation No. R543 published in the Government Notice No. 33306 of 18 June 2010 of the National Environment Management Act, 1998 (Act No. 107 of 1998) governing **Environmental Scoping Procedures (Listing Notice: 1, 2 and 3 - Governing Notice R5.44, R545 & R546)** for the following activity:

Project Name: Olievenhoutbosch Road from Main Road to K54.

Reference Number: Gaut 002/11-12/E0135

Property Description: Portion 1, Portion 188 and the Remainder of Portion 330; Portion 335 and Portion 5 of the Farm Doornkloof of 391-JR; the Road reserve of Nellmapius Drive/M31 and the Road servitude of the R21.

Proposed Zoning Information: The current zoning is "Agriculture"

Extent of Development: The proposed road is approximately 4,67785 km in extent.

Proponent Name: JR 209 Investments (Pty) Ltd trading as M&T Development.

Location: The proposed road will connect Main Road with the K54. The proposed Olievenhoutbosch Road is located south of the N1 Highway, west of the K54, east of Main Road and to the north of Comwall Hill.

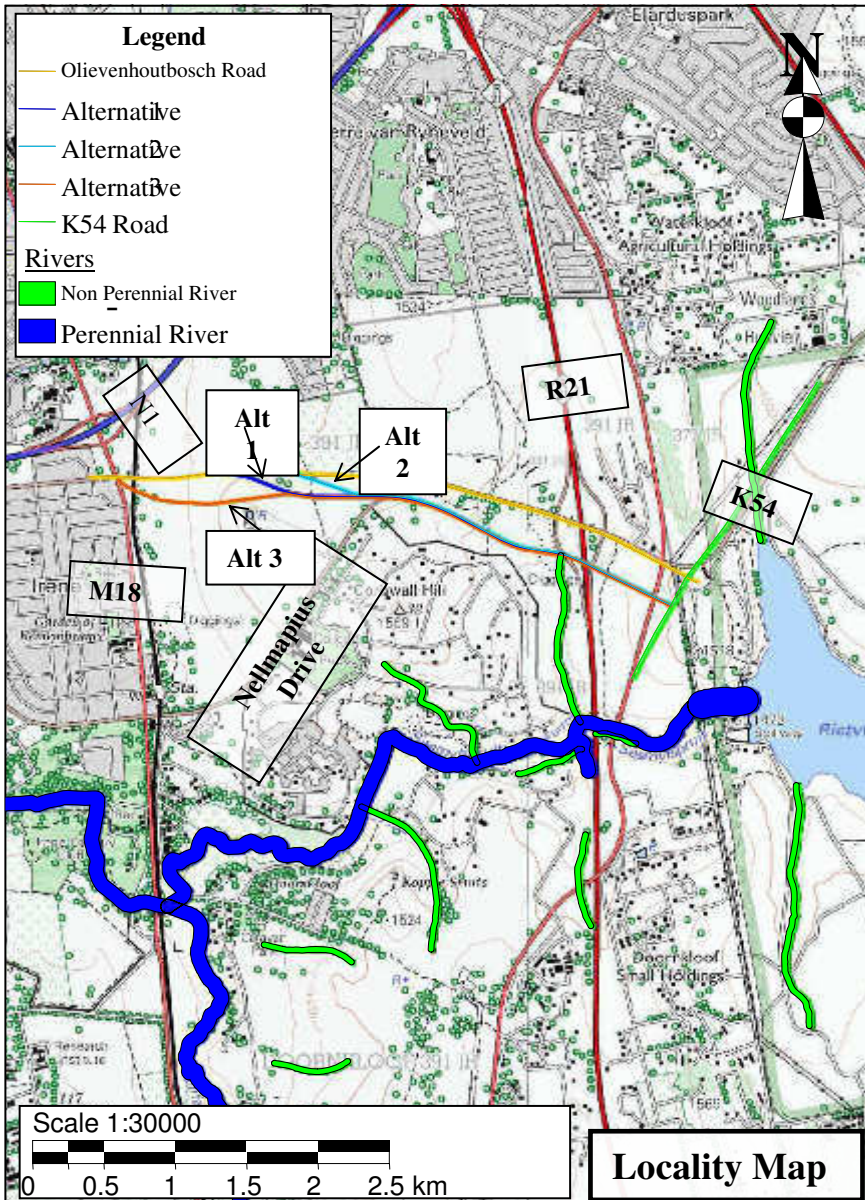
Date of Notice: 18 October 2011

Queries regarding this matter should be referred to:

Bokamoso Landscape Architects and Environmental Consultants
George Gerike/Genevieve Tédoux Tel: (012) 346 3810
P.O. Box 11375 Fax: (086) 570 5659
Marcelana 0161
E-mail: lizeleg@mweb.co.za
www.bokamoso.net



In order to ensure that you are identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to the contact person given above **within 40 days of publication of this advertisement.**



List of REGISTERED LETTERS
Lys van GEREgistreerde BRIEWE
 (With an insurance option/met 'n versekeringsopsie)



Full tracking and tracing/Volledige volg en spoor

Name and address of sender
 Naam en adres van afsender: Bobamase PO Box 11375,
Marcelona 0161

Enquiries/Navrae
 Toll-free number
 Tolvry nommer
0800 111 502

No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-kliëntafskrif	
1	Irene Estate PO Box 589, Irene, 0062					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 697 ZA	
2	Irene Land Corporation PO Box 444, Irene, 0062					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 710 ZA	
3	N. Molebatsi, PO Box 151 Irene 0062					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 723 ZA	
4	MA Swanepoel, PO Box 295, Senekal 9600					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 737 ZA	
5	Kilochron Investments, PO Box 75266 Lynnwood Ridge 0040					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 745 ZA	
6	J. B. Koen, PO Box 11505, Erasmustloof 0048					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 799 ZA	
7	Moo Zoo CC, PO Box 6, Irene 0062					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 808 ZA	
8	G.S. le Roux, PO Box 100, Crown Mines 2025					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 771 ZA	
9	Mr E.H.H Meyer, PO Box 4659, Rivonia 2128					CUSTOMER COPY 301028R REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za</small> RD 585 454 785 ZA	
10						CUSTOMER COPY 301028R	
Number of letters posted Getal briewe gepos		Total Totaal		R	R	R	R

Number of letters posted
Getal briewe gepos: 9

Signature of client
Handtekening van klient:

Signature of accepting officer
Handtekening van aanneembeampte: [Signature]

The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100,00. No compensation is payable without documentary proof. Optional insurance of up to R2 000,00 is available and applies to domestic registered letters only.


Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100,00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.



Olievenhoutbosch Road from Main Road to K54.

Construction of a section of Olievenhoutbosch Road (from Main Road to K54) and associated infrastructure.

Acknowledgement of Receipt of Public Notice concerning the proposed development on Portion 1, Portion 188, Remainder of Portion 330; Portion 335 and Portion 5 of the farm Doornkloof 391-JR; the Road reserve of Nellmapius Drive/M31 and the Road servitude of the R21.

	Name	Address	Contact Details	Signature
1	No answer - left in PO Box	2 Wellington Rd	Email: Fax: Tel:	
2	No bell - PO Box	3 Wellington Rd	Email: Fax: Tel:	
3	Eben Maré	7 Lotus Straat	Email: ellen.erasmus@gmail.com Fax: Tel: 012 667 2294	
4	N-one - PO Box	8 Lotus Str	Email: Fax: Tel:	
5	A. Kuitshoff	71 Lobelius Str	Email: ceo@phasa.co.za Fax: 026672049 Tel: 012 667 2048	anew.
6	No answer - Post Box	11 Lobelius / Alexander Str	Email: Fax: Tel:	
7	No intercom	68 Main Rd	Email: Fax: Tel:	
8	AP VAN NIEKERK IRENE ESTATE MANAGER, FARM VI		Email: estatemanag@ Fax: Tel: 079-525-9281	
9			Email: Fax: Tel:	
10			Email: Fax: Tel:	
11			Email: Fax: Tel:	
12			Email: Fax: Tel:	
13			Email: Fax: Tel:	

irenefarmvillages.co.za

Olievenhoutbosch Road from Main Road to K54.

Construction of a section of Olievenhoutbosch Road (from Main Road to K54) and associated infrastructure.

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	Name	Address	Contact Details	Signature
1	L. BOTHA SP. BOTHA	4 WELLINGTON ROAD; IRENE	Email: lizanne@bestclothing.co.za Fax: 086 639 5728 Tel: 082 443 7639	
2	No Intercom	1 Wellington Road	Email: Fax: - Tel: -	In Mailbox
3	SG. MANARA	3 WELLINGTON ROAD; IRENE	Email: Fax: Tel: 083 669 4449	
4	No answer	6 Wellington Road	Email: Fax: - Tel: -	In Mailbox
5	ANN CAMPBELL	9 LOTUS ST IRENE	Email: Fax: Tel: -	
6	J OOSTHUIS	70 COBELA LN IRENE	Email: Fax: Tel: 082 298 9714	
7	Roux Props V. Mdithung	5 Alexandra Road.	Email: vuyile@rouxprops.co.za Fax: Tel: 012 667 2772	
8	Lizelle Visser	7 Alexandra Road	Email: lvisser12@muwela.co.za Fax: 012-6672849 Tel: 012-6672638	
9	HANNES HOLTZHAUSEN		Email: parkmanagers@r21.co.za Fax: 012 345 5461 Tel: 012 345 4331	
10	MANDISA ZWANE	957 Nellmapius Drive EUGENROUTE 21	Email: Fax: 0866215268 Tel: 012 355512	
11			Email: Fax: Tel: -	
12			Email: Fax: Tel: -	
13			Email: Fax: Tel: -	

LEBOMBO GARDEN BUILDING
38 LEBOMBO ROAD
ASHLEA GARDENS
0081

P.O. BOX 41375
MAROELANA
0161

Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizeleg@mweb.co.za
Website: www.Bokamoso.net



Home Owners Associations & Estate Managers

NAME: AP VAN NIEKERK (TRENK FARM VILLAGES)
OLIFENHOUT BOSCH ROAD HBA

We are currently undertaking a Public Participation Process for the proposed development project namely ~~Six Fountains International Golf~~ in terms of regulation no. R543 published in the Government Notice no. 33306 of 18 June 2010 of the National Environment Management Act, 1998 (Act No. 107 of 1998) governing Scoping procedures (Notice 1, 2, and 3 - Governing Notice R544, 545 & R546)

We (Bokamoso) are usually not allowed inside residential estates due to security reasons. According to the regulation guidelines we are required to inform all landowners within a 100 m radius of the proposed development site. We kindly request that you forward the public notice regarding this project to all relevant landowners/tenants.

If you agree to distribute these notices please sign below.

Name: AP VAN NIEKERK

Signature:

Kind Regards

George Gericke

Bokamoso Landscape Architects and Environmental Consultants

Tel: (012) 346 3810

Fax: (086) 570 5659

LEBOMBO GARDEN BUILDING
36 LEBOMBO ROAD
ASHLEA GARDENS
0081

P.O. BOX 11375
MAROELANA
0161

Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za
Website: www.Bokamoso.net



Background Information Document for **ENVIRONMENTAL SCOPING PROCESS**

Application for **Environmental Authorization** for
Olievenhoutbosch Road from Main Road to the K54
Reference Number: Gaut 002/11-12/E0135
October 2011

PROJECT BACKGROUND

Notice is given, in terms of the new 2010 EIA Regulations published in Government Notice No. R543 of the National Environmental Management Act (Act No. 107 of 1998), of intent to carry out a **Scoping Phase Environmental Impact Assessment (i.t.o. Listing Notice 1, 2 & 3 – G.N. R.544, R.545 & R.546)**

Bokamoso Environmental Consultants were appointed by **JR 209 Investments (Pty) Ltd (Trading as M&T Development)** to undertake to a **Scoping Phase (Environmental Impact Assessment Process)** for the proposed construction of a section of Olievenhoutbosch Road (from Main Road to K54) and associated infrastructure.

THE PROPOSED PROJECT

The proposed project will consist of the following:

The construction of a section of Olievenhoutbosch Road (from Main Road to K54) and any associated infrastructure.

THE PROPOSED SITE

The proposed site consists of the following properties: Portion 1, Portion 188 and the Remainder of Portion 330; Portion 335 and Portion 5 of the Farm Doornkloof 391-JR. The road reserve of Nellmapius Drive/M31 and road servitude of the R21 are also included.

LEGAL ASPECTS OF PROJECT

In terms of Regulation No. R543 published in the Government Notice No. 33306 of 18 June 2010 of the National Environment Management Act, 1998 (Act No. 107 of 1998) a specific list of activities was identified which could have a detrimental impact on the receiving environment. These listed activities require Environmental Authorization from the Competent Authority, i.e. the Gauteng Department of Agriculture and Rural Development (GDARD).

The application was submitted for the following activities in terms of the Government Listing Notice 1, 2 and 3 (R.544, R.545 & R.546), 18 June 2010:

Indicate the number and date of the relevant Government Notice:	Activity No (s) (in terms of the relevant notice): e.g. Listing Notices 1, 2 or 3	Describe each listed activity as per the wording in the relevant Listing Notice:
Listing No. 1, R. 544, 18 June 2010	Activity 11	<p>The construction of:</p> <ul style="list-style-type: none"> (i) Canals; (ii) Channels; (iii) Bridges; (iv) Dams; (v) Weirs; (vi) Bulk storm water outlet structures; (vii) Marinas; (viii) Jetties exceeding 50 square metres in size; (ix) Slipways exceeding 50 square metres in size; (x) Building exceeding 50 square metres or more <p>Where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</p>
Listing No. 1, R. 544, 18 June 2010	Activity 18	<p>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock from :</p> <ul style="list-style-type: none"> (i) A watercourse; (ii) The sea; (iii) The seashore; (iv) The littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, which ever distance is greater – <p>But excluding where such infilling, depositing, dredging, excavation, removal or moving</p> <ul style="list-style-type: none"> (i) Is for maintenance purposes undertaken in accordance with a management plan agreed to by the relevant environmental authority; or (ii) Occurs behind the development setback line.

Listing No. 2, R. 545, 18 June 2010	Activity 18	<p>The route determination of roads and design of associated physical infrastructure, including roads that have not yet been built for which routes have been determined before 03 July 2006 and which have not been authorized by a competent authority in terms of the Environmental Impact Assessment Regulations, 2006 or 2009, made under section 24(5) of the Act and published in Government Notice No. 385 of 2006, -</p> <ul style="list-style-type: none"> (i) It is a national road as defined in section 40 of the South African National Roads Agency Limited and National Roads Act, 1998 (Act No. 7 of 1998); (ii) It is a road administered by a provincial authority; (iii) The road reserve is wider than 30 metres, or (iv) The road will cater for more than one lane of traffic in both directions. 	
Listing No. 3, R. 546, 18 June 2010	Activity 4	The construction of a road wider than 4 metres with a reserve less than 13.5 metres.	<p>(b) In Gauteng:</p> <ul style="list-style-type: none"> i. A protected area identified in terms of NEMPAA, excluding conservancies; ii. National Protected Area Expansion Strategy Focus area; iii. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; iv. Sites identified in terms of the Rasmars Convention; v. Sites identified as irreplaceable or important in the Gauteng Conservation plan; vi. Areas larger than 2 hectares zoned for use as public open space; vii. Areas zoned for a conservation purpose. viii. Any declared protected area including Municipal or Provincial Nature Reserves as contemplated by the Environmental Conservation Act, 1989 (Act No. 73 of 1989) and the Nature Conservation Ordinance (Ordinance 12 of 1983); <p>Any site identified as land with high agricultural potential located within the Agricultural Hubs or important Agricultural Sites identified in terms of the Gauteng Agricultural Potential Atlas, 2006.</p>
Listing No. 3, R. 546, 18 June 2010	Activity 13	The clearance of an area of 1 hectare or more of vegetation where 75% or more	<p>d) In Gauteng</p> <ul style="list-style-type: none"> i. A protected area identified in terms of NEMPAA, excluding conservancies;

		of the vegetative cover constitutes indigenous	<ul style="list-style-type: none"> ii. National Protected Area Expansion Strategy Focus areas; iii. Any declared protected area including Municipal or Provincial Nature Reserves as contemplated by the Environment Conservation Act, 1989 (Act No. 73 of 1989), the Nature Conservation Ordinance (Ordinance 12 of 1983); (v) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; iv. Sites or areas identified in terms of an international convention; v. Sites identified as irreplaceable or important in the Gauteng Conservation Plan.
Listing No. 3, R. 546, 18 June 2010	Activity 19	The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.	<p>(b) In Gauteng</p> <ul style="list-style-type: none"> i. A protected area identified in terms of NEMPAA, excluding conservancies; ii. National Protected Area Expansion Strategy Focus areas; iii. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; iv. Sites or areas identified in terms of an International Convention; v. Any site identified as land with high agricultural potential located within the Agricultural Hubs or important Agricultural Potential Atlas, 2006; vi. All sites identified as irreplaceable or important in terms of the applicable Gauteng Conservation Plan; vii. Any declared protected area including Municipal or Provincial Nature Reserves as contemplated by the Environment Conservation Act, 1989 (Act No. 73 of 1989), the Nature Conservation Ordinance (Ordinance 12 of 1983) and

			the NEMPAA.
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Accordingly, the proposed project requires authorisation from GDARD via the EIA Process outlined in Regulation 543 published in the Government Notice No. 33306 of 18 June 2010 of NEMA.

After GDARD have issued an Environmental Authorization, Interested and/or Affected Parties (I&AP's) will be notified of the decision and of the opportunity to appeal to the MEC of the Department of Agriculture and Rural Development.

THE PUBLIC PARTICIPATION PROCESS

A Public Participation Process is being conducted according to the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the new Environmental Impact Assessment Regulations, June 2010.

1. Site notices will be erected (at prominent points on and around the study area).
2. Flyers were distributed to the neighboring properties and estates/developments that may be affected by the proposed development. Not all these properties could be reached due to a lack of sufficient access to them and therefore these flyers, together with this Background Information Document will be sent via email to a preset list of possible Interested and/or Affected Parties (I&AP's) and surrounding landowners via e-mail & registered mail.
3. Registered mail will be send to all surrounding land owners within a 100m radius of the study area.
4. Notices regarding the project will further be e-mailed and faxed to the councilors in the area and possible stakeholders in the area.
5. An advertisement was placed in "**Die Beeld**" newspaper on **10 October 2011**.

CONCERNS RAISED BY THE PUBLIC

Possible concerns to be addressed:

- Visibility
- Noise
- Dust
- Speed
- Safety and Security
- Maintenance of road
- Increase in traffic
- Ecological Surroundings
- “Sense of Place”
- Rivers and Wetlands

PURPOSE OF THIS DOCUMENT

The purpose of this document is to provide information regarding the **construction of a section of Olievenhoutbosch Road (from Main Road to the K54) and associated infrastructure**, and to provide possible stakeholders with an opportunity to register as Interested and/or Affected Parties (I&AP's) and to add their comments and issues to our final reports that will be submitted to the Gauteng Department of Agriculture and Rural Development (GDARD).

In order to ensure that you are identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information and concerns regarding the proposed development, **within 40 days of receipt of this document.**

Please do not hesitate to contact us if there are any questions in connection with the above-mentioned development.

Contact Person: George Gericke/Genevieve Tredoux

Tel (012) 346 3810

Fax (086) 570 5659

E-mail lizelleg@mweb.co.za

Website: www.bokamoso.net

Figure 1: Locality Map

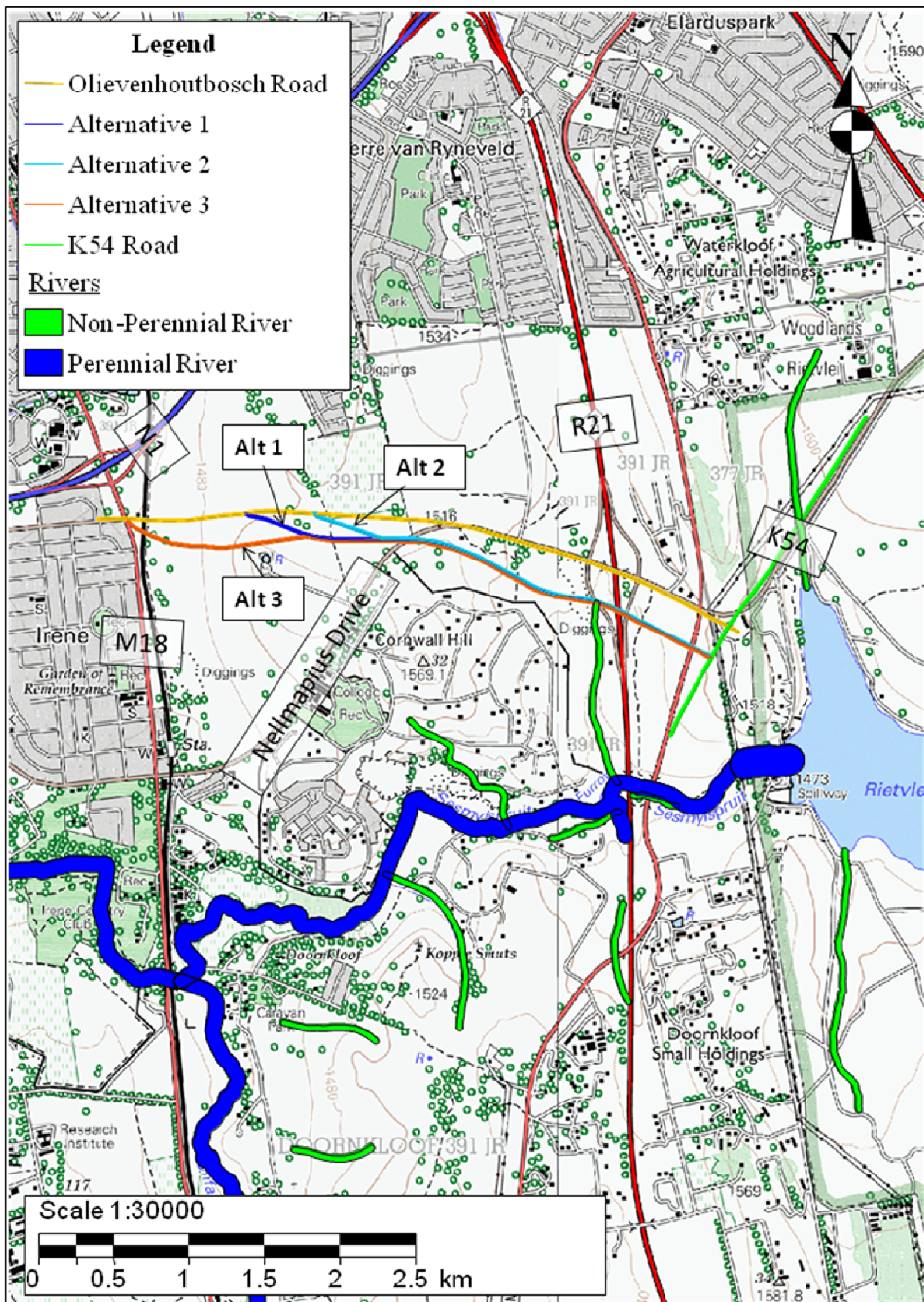


Figure 2: Aerial Map

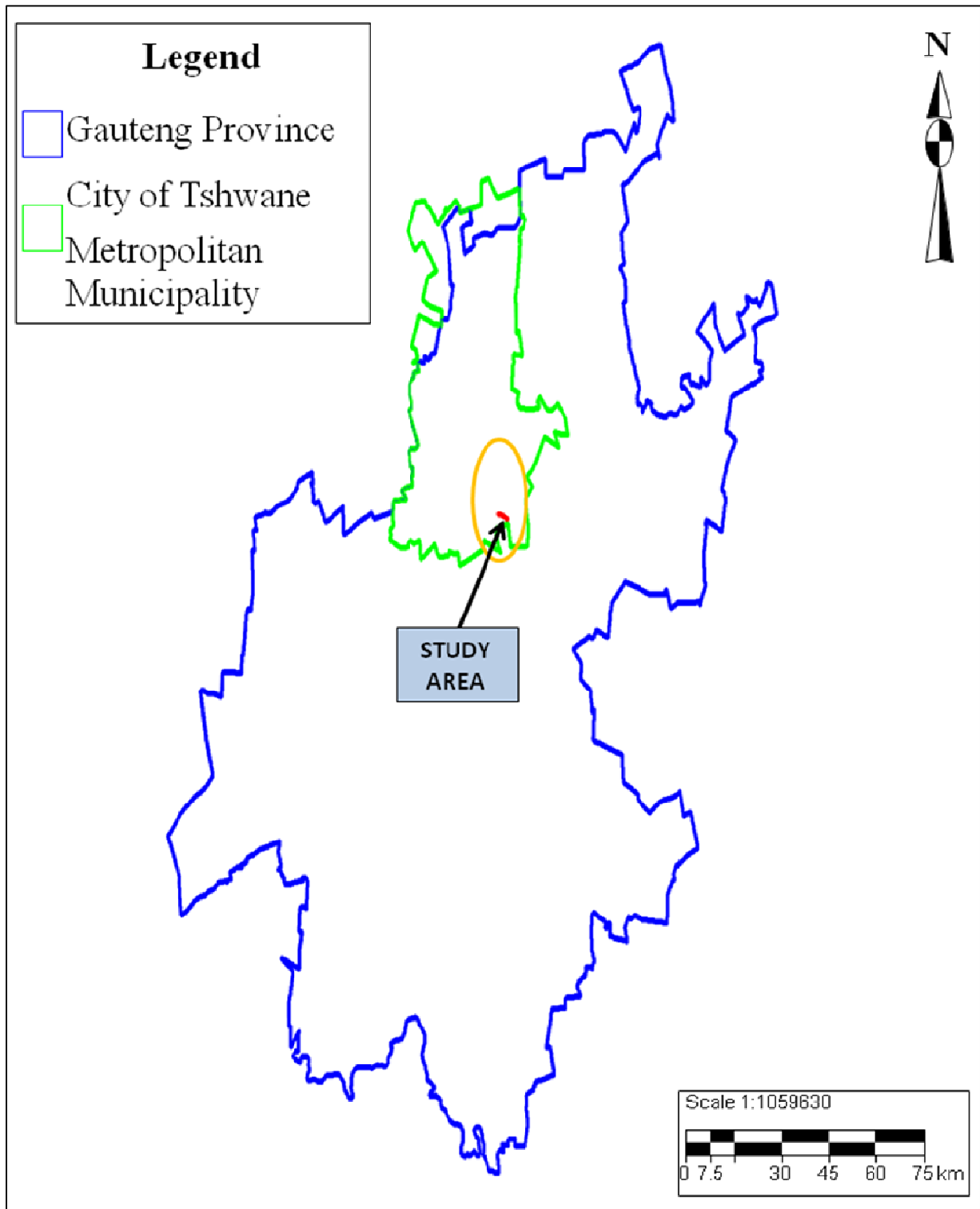
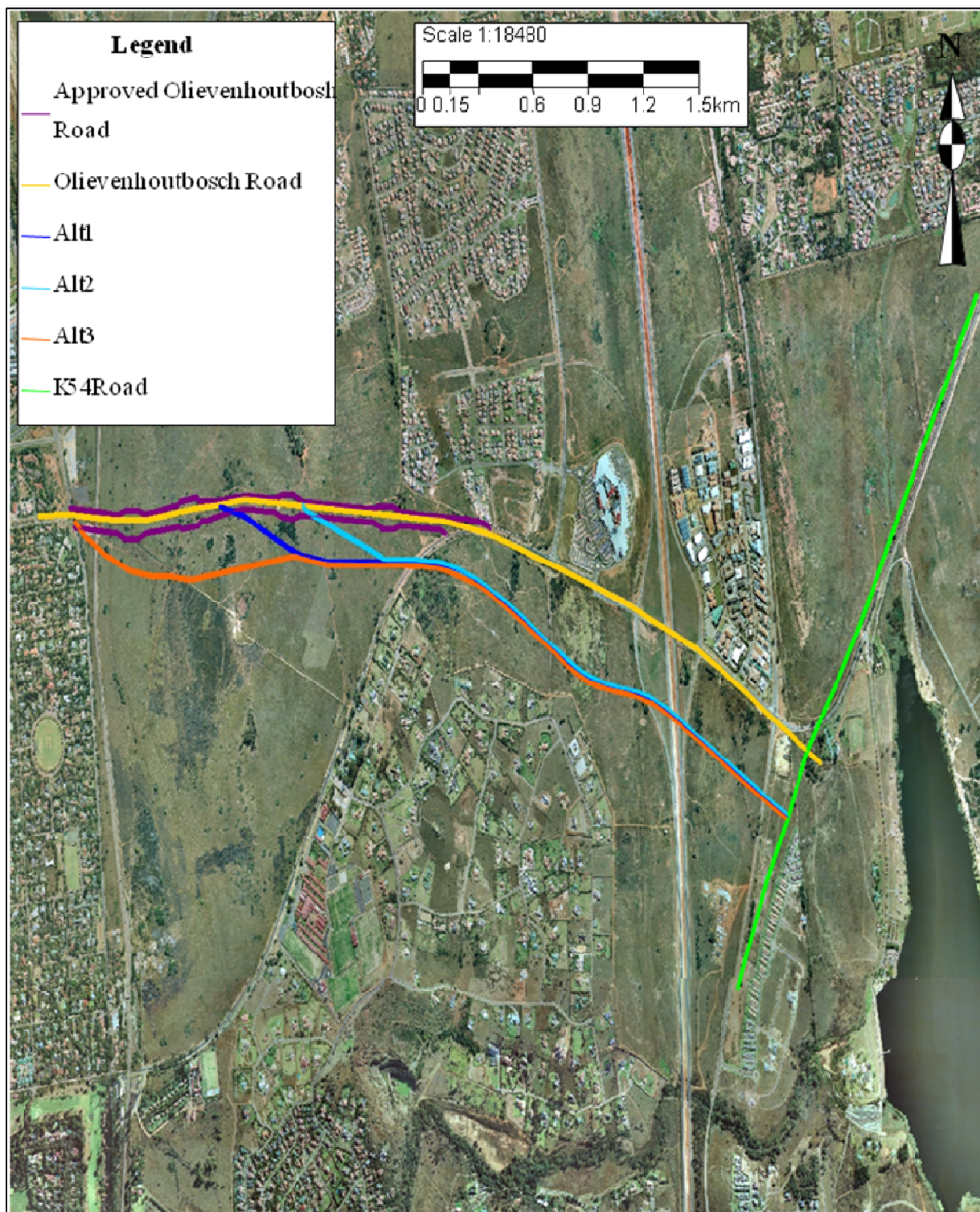
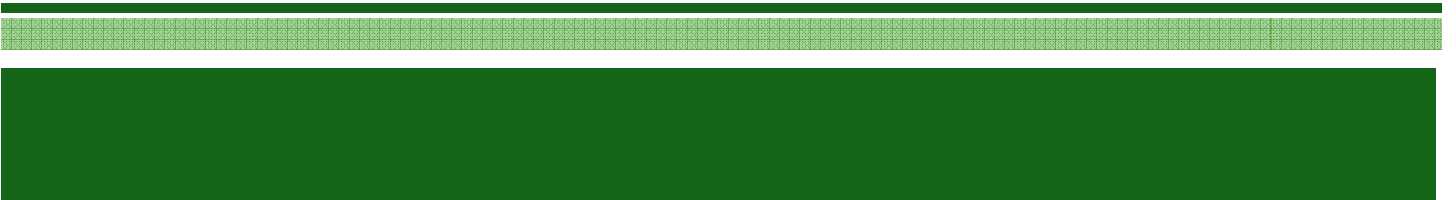


Figure 3: Regional and Local Government Map



Annexure K(iii)

Proof of Advertisement



Annexure K(iv)

List of registered I&AP's



Nr	Registered Parties	Contact details	Address
1	James AH Cambell	james.ah.cambell@gmail.com 083 457 3724 012 667 5187	9 lotus Street, Irene
2	Ross Howarth	rrhowarth@gmail.com	68 Main Rd, Irene
3	Beverley Wulff	tph@tph.co.za 012 809 2229 012 809 2090 (f)	98 Pony Street Tijger Vallei Office Park
4	Brian & Jenny Melvill-Smith	Brian.Melvill-Smith@barloworldmotor.com 011 552 9344 083 645 1504 012 667 2379	37 Alexandra Road, Irene
5	Chris Grobler	chrisg@bibletruths.co.za 083 415 7549	
6	Craig Comrie	ccomrie@mhg.co.za 011 381 2060	
7	Dirk Heyns	manager@cornwallhill.co.za 012 667 2938	
8	Gill Udal	gill.udal@telkomsa.net	16B Iris Lane, Irene
9	Gerard O' Rourke	gorourke@chieftain.ie 083 313 9671	75 Jean Avenue, Doringkloof
10	Wisani Justice Maluleke	MalulekeJ@dwa.gov.za 012 392 1409	
11	Cllr Christa Spoelstra	mwespoel@mweb.co.za 082 880 5300	
12	Riaan Marais CoT	RiaanM@tshwane.gov.za	
	Rietveli Nature Reserve		

13	Kobus Knoetze	kobus@dhkthinkspace.co.za 021 421 6803	1 Clifford Road, Irene
14	Hilton Bothma	hiltb@telkomsa.net 076 729 6931	31 Pioneer Rd, Irene
15	Dawie Gouws	dawie@gs2.co.za 083 635 6515 012 667 4630	1 Lesley Road. Irene
16	Malcolm Fawkes	FawkesMG@eskom.co.za 011 655 2552 082 652 7581	
17	Michelle Marais	michelle.marais@angloamerican.com 012 679 2058 083 608 0998	PO Box 129 Irene
18	David Larsen Salbu	dkoa@salbu.co.za	
19	Robert Hartman	robert@multicat.co.za 012 663 4660 083 414 4197	Cornwall Hill Estate
20	Lisa Trublet de Nermont	trublet@global.co.za 082 885 1554	Cornwall Hill Residents
21	Roger Trublet de Nermont	082 885 1554	Cornwall Hill Residents
22	Carlo Machinè	carlomach@absamail.co.za 082 521 1115	350 Downderry Way Cornwall Hill Estate
23	Tom Hannay	tomhannay.sa@gmail.com 083 447 9442 012 667 4520	15 Alexandra Road, Irene
24	Sonya Semmelink	semmelink@webmail.co.za	Cornwall Hill Estate

25	Mara Temple	Mara.Temple@gpaa.gov.za	
		012 319 1004	
		012 319 3812 (f)	
26	Nina Strydom	Nina.Strydom@up.ac.za	3C Iris Lane, Irene
	Nina	083 636 1399	
	Phillip	072 449 1012	
27	Councillor Casper McDonald	CasperM@tshwane.gov.za	
		082 563 4570	
		086 503 5231	
28	Manda Botha	manda@soundandimage.co.za	PO Box 227 Cornwall Hill, 0178
		083 760 4385	
29	Mr Roux Shabangu	roux@rouxprops.co.za	Erf 122, Irene
		012 667 2772	
30	Marese Herbst	marese@rouxprops.co.za	Erf 122, Irene
		012 667 2772	
31	Bea Fletcher	bea@tph.co.za	Erf 122, Irene
	The Town Planning Hub (TPH)	tph@tph.co.za	
32	Natalie Koneight	nkoneigh@randwater.co.za	
	Rand Water	011 724 9366	
33	James AH Cambell	james.ah.cambell@gmail.com	9 lotus Street, Irene
		083 457 3724	
		012 667 5187	
34	Lizette Visser	visserliz@mweb.co.za	7 Alexandra Road, Irene
	Moo Zoo	083 400 2804	
		012 667 2638	
35	Raj Shunmugam	raj@glencarol.co.za	428 Shillingford Road Cornwall Hill
36	Cllr Christa Spoelsta	mwcspoel@mweb.co.za	
	Ward Councillor	082 880 5300	

Annexure K(v)

Issues and Comments Report



**COMMENT AND RESPONSE REPORT-
FINAL SCOPING REPORT FOR THE PROPOSED OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO K54 GAUT 002/11-12/E0135
AND DRAFT EIA REPORT**

Issue	Commentator	Response
SCOPING PHASE		
<p>We have to plan ahead. Is our home going to be demolished? (Maybe for some other reason). We would like to sell our property in the future and move to a retirement village near Rustenburg. Who can assist us? We surmised that maybe someone lodged a land claim to our property.</p>	<p>Edu & Edna Meyer edumeyer@iburst.co.za</p>	<p>Bokamoso is busy investigating whether the proposed road and alternatives will traverse the said property. Clarification in this regard will be made available in the FEIA report.</p> <p>The Department of Land Claims can be contacted to determine if any land claims were lodged on the said property.</p>
<p>Please provide Rand Water with: 1. The detail about the facility that will receive the sewerage. 2. An agreement that the identified sewerage facility is aware of the development and that they have the capacity to accept the sewerage from the site without overloading the facility. 3. Will there be any discharges other than the sewerage system that will increase storm water entering the environment. If so, has the development considered retention and stilling ponds to slow down high peak flows. If the sewerage facility cannot accept the additional load into their facility then this will have a negative impact on the environment and the pollution load into the river systems</p>	<p>Natalie Koneight Rand Water nkoneight@randwater.co.za</p>	<p>Please note that this development is a road and will not be needing sewerage facilities.</p>
<p>Would you please send me more specific information regarding how the proposed road will connect with Main Rd and if any existing Irene properties are being effected.</p>	<p>Ross Howarth rhowarth@gmail.com</p>	<p>All concerns are addressed within the DEIA report.</p>

<p>Please indicate how the Olievenhoutbosch Rd will intersect Main Rd, Irene.</p>	<p>Stephan Barkhuizen Gill.udal@telkomsa.net</p>	<p>Please refer to Section 4 – The description of the proposed activity of the EIA report.</p>
<p>Just for the record, please see the attached. The "yellow" road has already been chiefly constructed and without any consultation as far as I am aware. I would be most grateful for your view on whether the developers have followed the appropriate process here, as I certainly was not consulted on the matter.</p>	<p>James AH Campbell James.ah.campbell@gmail.com</p>	<p>Bokamoso is busy investigating the matter and comments will be provided in the FEIA report.</p>
<p>I reside at 15 Alexandra Rd, Irene and I have, on a number of occasions, voiced some concerns I have with the road works close to my home. Basically, there are two minor problems which do affect me severely, but to which I have simple solutions. I have referred these concerns to Alyson of the ILA, who I know has referred them on to the correct person, but to date NOTHING has been done to even contact me of these concerns.</p>	<p>Tom Hannay Tomhannay.sa@gmail.com</p>	<p>Bokamoso is busy investigating the matter and comments will be provided in the FEAI report.</p>
<p>Do you notify residence of impending electricity switches off for work in Alexandra Rd, we live at no 21 and I take care of my parents. The untimely switch off's really put me in a spot as I have machine running to assist the nurses with their care. If I know when the electricity if off I can plan their care giving around that.</p>	<p>Magda Oosthuizen 082 411 7637</p>	<p>The Developer/ Contractor will notify the surrounding property owners in advance when electricity outages are expected.</p>
<p>Our office perused the report and would like to comment as follows: - The approved road alignment, as well as the 3 alternative routes discussed in the Scoping Report do not affect our client directly, but however links with the proposed K105 road planning (previously objected to in January 2013). - We would therefore take this</p>	<p>Bea Fletcher bea@tph.co.za</p>	<p>Noted.</p>

<p>opportunity to again confirm that we wish to be included in any future meetings/decisions in this regard. Moreover we confirm that the long term planning of the intersection will affect our client's property.</p>		
<p>We recently became aware of the proposed Olievenhoutbosch road development and upon acquiring and reading the Scoping Report for the Olievenhoutbosch Road GAUT: 002/11-12/E0135 we have reservations about the development. The proposed road (all three alternatives) passes very close (two to three times closer than Nellmapius road) to Cornwall Hill estate (Refer to Figure 2: Aerial Map). According to Figure 16: Visual Assessment Map, the road will also be clearly visible from houses on the estate especially those on the boundary. The close proximity and local topography of the area overlooking the proposed road will result in a severe impact on noise levels, visuals and hence the qualitative environment from the perspective of the existing home owners on this specific boundary of Cornwall Hill Estate. An impact on property values of houses on the boundary of Cornwall Hill Estate next to the proposed road is a distinct possibility. In Section 2.4.8 of the report it is stated that the design speed of the road is 80 km/h, but with no specific reserve width stated. Reserve road width will have an effect on the qualitative environment and should be stated in the report. In Section 8.3.1 mention is made of mitigation measures to reduce noise levels to an acceptable level (50 dBa). It is not stated what these measures will be nor how the effectiveness of the measures will be determined and what recourse there will be if the measures are not effective or even possible. Due to the aforementioned factors we are an interested and affected party and wish our comments to be included as part of the review process of the report. How do we go about ensuring that we receive all updates and input to the above?</p>	<p>Lizelle De Beer wdebeer@gmail.com</p>	<p>Please refer to Section 4 – The description on the proposed activity.</p>
EIA PHASE		
<p>I vote for Alternative 3</p>	<p>Gerard O Rourke</p>	<p>Noted.</p>

	gorourke@chieftain.ie	
<p>In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that prior to development it is incumbent on the developer to ensure that a Heritage Impact Assessment is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.</p> <p>The quickest process to follow for the archaeological component is to contract an accredited specialist (see the web site of the Association of Southern African Professional Archaeologists www.asapa.org.za) to provide a Phase 1 Archaeological Impact Assessment Report. This must be done before any large development takes place.</p> <p>The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.</p> <p>Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Palaeontological resources – or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if</p>	<p>Andrew Salomon SAHRA asalomon@sahra.org.za</p>	<p>Noted.</p>

<p>necessary a Phase 2 rescue operation might be necessary.</p> <p>If the property is very small or disturbed and there is no significant site the heritage specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.</p> <p>Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscape or viewsapes must also be assessed.</p>		
<p>In reviewing the application the Department made the following findings:</p> <p>a) According to the Tshwane Open Space Framework the proposed site is situated within and adjacent to the following open space typologies:</p> <ul style="list-style-type: none"> • A Blue Node namely Sesmylspruit and associated Wetlands (Linear Ecological Open space system associated with water) of Metropolitan significance. Blue nodes have a secondary socio-economic and place making function, therefore they must be conserved. • A Blue Way, namely Sesmylspruit and associated wetlands. Blue ways are the most important elements in the provisioning of environmental goods and services, the protection of biodiversity, endangered species and ecological systems as well as eco-based activity. Blue ways must therefore be conserved. • A Green Node, namely GDARD Important site: Between R21, Cornwall Hill and GDARD Irreplaceable Site: 5 O'Clock Site and Green nodes are the most important elements in the provisioning of environmental goods and services, the protection of biodiversity endangered species and ecological systems, as well as 	<p>J. Prinsloo rudzanim@tshwane.gov.za City of Tshwane 11 June 2012</p>	<p>Please refer to the comments below adjacent to each specific comment.</p>

eco-based activity. Green nodes must be protected for conservation purposes.

- A Green Way namely Cornwall Hill and Rietvlei Nature Reserve Ridges. These are protected areas which forms part of the strategically important ecological Structuring Elements within the Tshwane Open Space Network and must be conserved.
- A Red Node, namely the R21/Nellmapius Road Offramp, Nellmapius Road, R54 & Goedehoop Road, Boeing Road Intersection. The value of red Nodes lies in their place-making function and in creating a high quality urban environment that supports the image of a capital city.
- Gauteng Department of Agriculture and Rural Development Conservation Plan Version 3.
- Transformed Ridges.

b) According to the Bioregional Plan for the Gauteng Metropolitan Municipalities the proposed site is situated within and adjacent to the following area:

- Formal Protected Areas: Protected Areas include Provincial Nature Reserves (protected by the National Environment Management: Protected Areas Act 57 of 2003); Municipal Nature Reserves (including Bird Sanctuaries); other state protected areas (Meteorite Crater Reserve & portion of Botanical Gardens); and Private Nature Reserves and Natural Heritage Sites. Importantly, the areas include both areas that are formally proclaimed and protected by appropriate legislation and managed as such, as well as those that are either appropriately proclaimed and protected or that are managed primarily for biodiversity purposes according to a management plan.
- Critical Biodiversity Area 1: Any terrestrial or aquatic area required to meet biodiversity pattern and/or process thresholds. These include any area that is required for meeting pattern thresholds, namely remaining areas of Critically Endangered vegetation types and areas required to protect threatened species; any area that is required for meeting process thresholds such as

areas important for climate change adaptation; and hydrological process areas such as high priority wetlands and catchments, pan clusters and pans within priority catchments. In addition to the above areas where there is little or no choice of area identified, CBAs include all 'best design' sites in terms of meeting pattern and process thresholds, identified by the iterative conservation planning process. 'Best design' refers to an identified network of natural sites that meet pattern and process thresholds in all vegetation types and features in a spatially efficient and ecologically robust way, and aim to avoid conflict with other activities (e.g. economic activity) where it is possible to achieve biodiversity thresholds elsewhere.

- Ecological Support Areas 1 & 2: Supporting zone required to prevent degradation of Critical Biodiversity Areas and Protected Areas. These include remaining corridor, catchment, wetland and other process areas that are required to prevent degradation of Critical Biodiversity Areas and formal Protected Areas; and areas which would otherwise have been identified as Critical Biodiversity Areas except that have been transformed or degraded, but which are currently or potentially still important for supporting ecological processes e.g. floodplain areas that have transformed or degraded. These areas are a focus for rehabilitation rather than the intensification of land uses.

c) According to the Report the proposed road will be additional lanes to the existing approved Olievenhoutbosch Road which is already in construction.

d) The Report indicated that the proposed road is needed to alleviate congestion on the approved Olievenhoutbosch Road.

e) The Report indicated that Olievenhoutbosch Road is a Metropolitan Class 2 Road that will link the Samrand Interchange on the N1 Highway with the R21 route in the east.

f) The Report indicated that 600, additional from the section of road will be scanned to ensure that the alignment extension will be possible to proceed without any environmental sensitivity.

g) According to the Report detailed surveys for the 600m node

extensions to the south of the involved section of Olievenhoutbosch is regarded as necessary as the section to the east is identified as an irreplaceable site.

h) The Report indicated that should the road extension in future be extended from the proposed section of road, the road can terminate and act as an independent road should the extension be regarded as a "fatal flaw".

i) According to the Report the proposed alignment will only direct traffic from east to west. The already approved Olievenhoutbosch Road will direct traffic from west to east.

j) The Report indicated for the first phase the proposed section of road will consist of only one lane. If needed, an additional lane will be added in future.

k) According to the Report the proposed road route proposal are located on dolomite soils.

l) GDARD Biodiversity requested additional specialist studies for possible red data flora. Fauna and avi-fauna species.

m) The Report indicated that according to the GDARD, GIDS, 2011 the proposed road traverses a ridge.

n) According to the Report Alternative 1 and 2 is less sensitive than Alternative 3 which traverses larger areas of grassland and ridge systems.

Recommendations:

The Department need the following to be assessed within the EIA Report:

- a) The Department will not support Alternative 3, as the alignment will extensively impact on the grassland and ridge. The Department recommends that an additional Alternative be investigated and added within the report. The possible alignment should be aligned according to the approved Olievenhoutbosch Road alignment traversing the sensitive 5'O Clock Site, then diverts at the intersection of the existing Nellmapius Road (past Alternative 2 diversion). This alignment will possibly minimize the footprint impact on the

- a) Please note that alternative 2 is the preferred alternative due to the fact that Alternative 1 and 3 both have a higher impact on the Ecological system than that of Alternative 2 as it will traverse irreplaceable sites; natural grassland areas and a large part of a ridge.

<p>5'O Clock Site, then divert at the intersection of the existing Nellmapius Road (past Alternative 2 diversion). This alignment will possibly minimize the footprint impact on the 5'O Clock site as no additional road servitudes will be created on the 5'O Clock site.</p> <p>b) The final road alignment crossing the Irene x 91 development and R21 should adhere to the approval of Irene x 91 development in which it was agreed that the dam, associated wetlands and drainage line on the Irene x 91 application site, will not be impacted upon by the proposed construction of the bridge of the Olievenhoutbosch Road alignment. The road design should exclude this area.</p> <p>c) A complete Fauna and Flora Assessment for the proposed road alignments should be included within the report. It is recommended that at least 200m on either side of the road alignments should be investigated and included within the Report, as the road crosses an environmentally sensitive site with known red data flora species.</p> <p>d) A Cultural and Historical Assessment must be included within the report to ensure no cultural and heritage sites of importance on the 5'O Clock site will be influenced by the road alignments.</p> <p>e) A Geotechnical Assessment must be included within the report to ensure no "Fatal Flaws" regarding the underlying geotechnical conditions occur.</p>		<p>b) The proposed alignment and alternative will not affect the wetland area.</p> <p>c) Please refer to Annexure G – Ecological reports of the EIA report.</p> <p>d) SAHRA does not require any Heritage impact assessment as the proposed alignment does not traverses any cultural or historical futures. Please refer to Annexure H for SAHRA comments.</p> <p>e) A Geotechnical report was conducted as part of the 5'O Clock site. The only part that is affected severely by dolomite is the area to the west of the proposed road as it is regarded as shallow dolomite.</p> <p>It was found that the whole area as part of the proposed road is suitable</p>
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<p>f) A Rehabilitation plan shall be included within the EIA Report which will aim to prevent erosion and aid the return of natural, endemic and indigenous vegetation cover to at least 80% of the rehabilitated area. The proposed rehabilitation plan should be included within the EIA Report in detail for the road alignment.</p> <p>g) An Environmental Management Plan should be included within the Final EIA Report. The EMP should address impacts and mitigation measures for the pre-construction, construction and post-construction activities. All issues and recommendations as indicated above should be included within the final and approved EMP. An Environmental Control Officer and contract details should also be included within the EMP.</p> <p>h) All Alien invasive plant species should be eradicated on the study area according to the Conservation of Agricultural Resources Act (Act No. 43 of 1983). An Invasive species control plan should be implemented at least every 3 months after construction and should be included within the EIA Report and EMP.</p> <p>i) The proposed activity will comply to all Municipal By-laws.</p>		<p>for development. The management of storm water is regarded as the most important and most significant matter that needs to be adequately mitigated due to the dolomitic conditions. However it should also be noted that the whole of Centurion is underlain by dolomite.</p> <p>f) A Rehabilitation plan will be made a recommendation of the Environmental Authorization. The Developer needs to provide CoT and GDARD with the Rehabilitation plan prior to construction.</p> <p>g) Please refer to Appendix L for a copy of the EMP.</p> <p>h) All Alien invasive plant species will be eradicated on the study area according the Conservation of Agricultural Resources Act (Act No. 43 of 1983). An Invasive species control plan will be implemented at least every 3 months after construction and should be included within the EIA Report and EMP.</p> <p>i) The proposed development will</p>
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<p>Conclusion:</p> <p>The above recommendations should be investigated and included within the report.</p> <p>The Department will only provide the final comments upon receipt of the Draft Environmental Impact Assessment Report, with the inclusion of the above recommendations.</p>		<p>comply with the Municipal By-laws.</p>
<p>The Department requires that the applicant adheres to our comments on the draft Scoping report dated 11 June 2012.</p> <p>The Department will provide final comments upon receipt of the Draft Environmental Impact Assessment Report, with the inclusion of the above recommendations.</p>	<p>J. Prinsloo rudzanim@tshwane.gov.za City of Tshwane 11 June 2012</p>	<p>Noted.</p>
<p>Would like to know where the Bokamoso report can be found? Also want to know what the exact property description is en where to find it within the report?</p>	<p>Willem Hart Willem6060@gmail.com</p>	<p>The Final Scoping Report is available on the Bokamoso's website.</p> <p>The exact property description is Portion 189, Remainder of Portion 330 and Portion 355 of the farm Doornkloof 391 JR.</p>
<p>Would like to be registered as an I&AP.</p> <p>Both our wards are affected by this road.</p>	<p>Christa Spoelstra mwcspoel@mweb.co.za</p>	<p>You are registered as an I&AP.</p> <p>Noted.</p>
<p>Want to know if the road is going to replace the Olievenhoutbosch Road? Also requested that Rietvlei Nature Reserve be registered as an I&AP.</p>	<p>Riaan Marais riaanM@tshwane.gov.za</p>	<p>No it will not replace the current Olievenhoutbosch but will be an extension of the road.</p> <p>Rietvlei Nature Reserve is registered as an I&AP.</p>

Annexure K(vi)

Site Notice for the EIA Phase



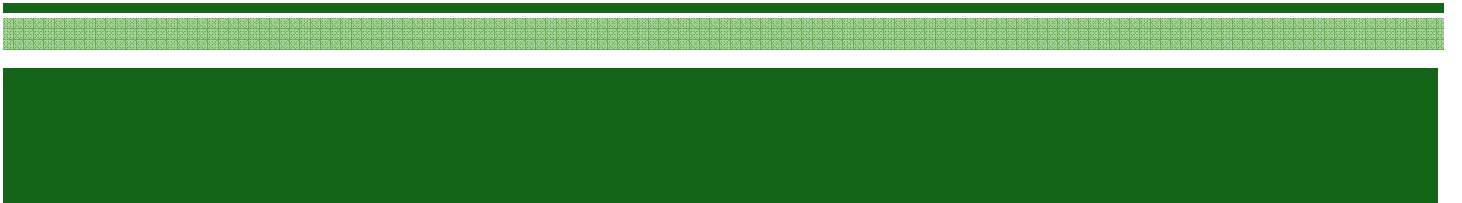
Annexure K(vii)

Notice/flyers distributed to I&AP's for the
EIA Phase



Annexure K(viii)

Communication from and to I&APs





Environmental Management Department

4th Floor, Nr 11 Francis Beard Street, Pretoria
PO Box 1454 | Pretoria | 0001
Email: Tel: 012 358 8671 | Fax: 012 358 8934
Email: LivhuwaniS@tshwane.gov.za | www.tshwane.gov.za

My ref:	B/4/R/4	Tel:	012 358 8648
Your ref:	GAUT 002/11-12/E0135	Fax:	012 358 8934
Contact person:	J. Prinsloo	Email:	johannespr@tshwane.gov.za
Section:	Open Space Management Section	Date:	11 June 2012

Bokamoso Environmental
P. O. Box 11375
Mabelana
0161

Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za

Dear Sir/Madam,

DRAFT SCOPING REPORT FOR THE CONSTRUCTION OF A SECTION OF OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO THE K54

Your Report dated 20 April 2012 refers,

1. INTRODUCTION

The Environmental Management Department (the Department) has considered the Draft Scoping Report in respect of the above-mentioned application. The Draft Scoping Report is submitted to the Environmental Management Department of the City of Tshwane, hereafter referred to as "the City", as a commenting authority in terms of the National Environmental Management Act (NEMA) and EIA Regulations of August 2010.

2. PROJECT LOCATION AND DESCRIPTION

Bokamoso Environmental was appointed by JR 209 Investments (Pty) Ltd to complete an Environmental Impact Process for the authorization of the route determination and construction of a section of the proposed Olievenhoutbosch Road from Main Road to the K54.

The involved section of Olievenhoutbosch Road is situated on Portion 198, Remainder of Portion 330 and Portion 355 of the Farm Doornkloof 391-JR and within the existing road reserve of Nellmapius Drive/M31 and the road servitude of the R21.

The proposed road for consideration only represents a section of the larger Olievenhoutbosch Road. The proposed section stretches from Main Road in the west to the K54 in the east. The proposed road section is approximately 4km in length and is located within the Centurion area

and falls within the 5'o Clock site. The involved section of the Olievenhoutbosch Road is located within the area of jurisdiction of the City of Tshwane Metropolitan Municipality.

3. KEY FACTORS INFORMING THE COMMENTS

In making comments in respect of the proposed Activity the Department has taken, *inter alia*, the following into consideration:

- a) The information contained in the Draft Scoping Report dated April 2012 and received by the Department on 20 April 2012.
- b) Information obtained from the Section's information base including *inter alia*:
 - Geographic Information System (GIS); and
 - Gauteng Open Space Plan (GOSP).
- c) Compliance with applicable Municipal, Provincial, and National Policies and Guidelines including:
 - The National Environmental Management Act 1998 (Act 107 of 1998) (NEMA): its decision-making principles and Environmental Impact Assessment Regulations;
 - The Tshwane Integrated Environmental Policy (TIEP);
 - The Tshwane Open Space Framework (TOSF); and
 - The Bioregional Plan for the Gauteng Metropolitan Municipalities.

4. DISCUSSION

In reviewing the application the Department made the following findings:

- a) According to the Tshwane Open Space Framework the proposed site is situated within and adjacent to the following open space typologies:
 - A **Blue Node** namely Sesmylspruit and associated Wetlands (Linear Ecological Open space system associated with water) of Metropolitan significance. Blue nodes have a secondary socio-economic and place making function, therefore they must be conserved.
 - A **Blue Way**, namely Sesmylspruit and associated wetlands. Blue ways are the most important elements in the provisioning of environmental goods and services, the protection of biodiversity, endangered species and ecological systems as well as eco-based activity. Blue ways must therefore be conserved.
 - A **Green Node**, namely GDARD Important site: Between R21, Cornwall Hill and GDARD Irreplaceable Site: 5 O'clock Site and. Green nodes are the most important elements in the provisioning of environmental goods and services, the protection of biodiversity, endangered species and ecological systems, as well as eco-based activity. Green nodes must be protected for conservation purposes.
 - A **Green Way** namely Cornwall Hill and Rietvlei Nature Reserve Ridges. These are protected areas which forms part of the strategically important ecological Structuring Elements within the Tshwane Open Space Network and must be conserved.
 - A **Red Node**, namely the R21/Nelmapius Road Offramp, Nelmapius Road, R54 & Goedehoop Road, Boeing Road Intersection. The value of red Nodes lies in their place-making function and in creating a high quality urban environment that supports the image of a capital city.
 - Gauteng Department of Agriculture and Rural Development Conservation Plan Version 3.
 - Transformed Ridges.
- b) According to the Bioregional Plan for the Gauteng Metropolitan Municipalities the proposed site is situated within and adjacent to the following areas:

- **Formal Protected Areas:** Protected Areas include Provincial Nature Reserves (protected by the National Environment Management: Protected Areas Act 57 of 2003); Municipal Nature Reserves (including Bird Sanctuaries); other state protected areas (Meteorite Crater Reserve & portions of Botanical Gardens); and Private Nature Reserves and Natural Heritage Sites. Importantly, the areas include both areas that are formally proclaimed and protected by appropriate legislation and managed as such, as well as those that are either appropriately proclaimed and protected or that are managed primarily for biodiversity purposes according to a management plan.
 - **Critical Biodiversity Area 1:** Any terrestrial or aquatic area required to meet biodiversity pattern and/or process thresholds. These include any area that is required for meeting pattern thresholds, namely remaining areas of Critically Endangered vegetation types and areas required to protect threatened species; any area that is required for meeting process thresholds such as areas important for climate change adaptation; and hydrological process areas such as high priority wetlands and catchments, pan clusters and pans within priority catchments. In addition to the above areas where there is little or no choice of area identified, CBAs include all 'best design' sites in terms of meeting pattern and process thresholds, identified by the iterative conservation planning process. 'Best design' refers to an identified network of natural sites that meet pattern and process thresholds in all vegetation types and features in a spatially efficient and ecologically robust way, and aim to avoid conflict with other activities (e.g. economic activity) where it is possible to achieve biodiversity thresholds elsewhere.
 - **Ecological Support Areas 1 & 2:** Supporting zone required to prevent degradation of Critical Biodiversity Areas and Protected Areas. These include remaining corridor, catchment, wetland and other process areas that are required to prevent degradation of Critical Biodiversity Areas and formal Protected Areas; and areas which would otherwise have been identified as Critical Biodiversity Areas except that have been transformed or degraded, but which are currently or potentially still important for supporting ecological processes e.g. floodplain areas that have transformed or degraded. These areas are a focus for rehabilitation rather than the intensification of land uses.
- c) According to the Report the proposed road will be additional lanes to the existing approved Olievenhoutbosch Road which is already in construction.
 - d) The Report indicated that the proposed road is needed to alleviate congestion on the approved Olievenhoutbosch Road
 - e) The Report indicated that Olievenhoutbosch Road is a Metropolitan Class 2 Road that will link the Samrand Interchange on the N1 Highway with the R21 route in the east.
 - f) The Report indicated that 600m additional from the section of road will be scanned to ensure that the alignment extension will be possible to proceed without any environmental sensitivities.
 - g) According to the Report detailed surveys for the 600m node extensions to the south of the involved section of Olievenhoutbosch is regarded as necessary as the section to the east is identified as an irreplaceable site.
 - h) The Report indicated that should the road extension in future be extended from the proposed section of road, the road can terminate and act as an independent road should the extension be regarded as a "fatal flaw".
 - i) According to the Report the proposed alignment will only direct traffic from east to west. The already approved Olievenhoutbosch Road will direct traffic from west to east.
 - j) The Report indicated for the first phase the proposed section of road will consist of only one lane. If needed, an additional lane will be added in future.

- k) According to the Report the proposed road route proposal are located on dolomite soils.
- l) GDARD Biodiversity requested additional specialist studies for possible red data flora, fauna and avl-fauna species.
- m) The Report indicated that according to the GDARD, GIDS, 2011 the proposed road traverses a ridge.
- n) According to the Report Alternative 1 and 2 is less sensitive than Alternative 3 which traverses larger areas of grassland and ridge systems.

5. RECOMMENDATIONS

The Department need the following to be assessed within the EIA Report:

- a) The Department will not support Alternative 3, as the alignment will extensively impact on the grassland and ridge. The Department recommends that an additional Alternative be investigated and added within the report. The possible alignment should be aligned according to the approved Olievenhoutbosch Road alignment traversing the sensitive 5'o Clock Site, then divert at the intersection of the existing Nellmapius Road (past Alternative 2 diversion). This alignment will possibly minimize the footprint impact on the 5'o Clock site as no additional road servitudes will be created on the 5'o Clock site.
- b) The final road alignment crossing the Irene x91 development and R21 should adhere to the approval of Irene x91 development in which it was agreed that the dam, associated wetlands and drainage line on the Irene x91 application site, will not be impacted upon by the proposed construction of the bridge of the Olievenhoutbosch Road alignment. The road design should exclude this area.
- c) A complete Fauna and Flora Assessment for the proposed road alignments should be included within the report. It is recommended that at least 200m on either side of the road alignments should be investigated and included within the Report, as the road crosses an environmentally sensitive site with known red data flora species.
- d) A Cultural and Historical Assessment must be included within the report to ensure no cultural and heritage sites of importance on the 5'o Clock site will be influenced by the road alignments.
- e) A Geotechnical Assessment must be included within the report to ensure no "fatal flaws" regarding the underlying geotechnical conditions occur.
- f) A Rehabilitation plan shall be included within the EIA Report which will aim to prevent erosion and aid the return of natural, endemic and indigenous vegetation cover to at least 80% of the rehabilitated area. The proposed rehabilitation plan should be included within the EIA Report in detail for the road alignment.
- g) An Environmental Management Plan should be included within the final EIA Report. The EMP should address impacts and mitigation measures for the pre-construction, construction and post-construction activities. All issues and recommendations as indicated above should be included within the final and approved EMP. An Environmental Control Officer and contact details should also be included within the EMP.
- h) All Alien invasive plant species should be eradicated on the study area according to the Conservation of Agricultural Resources Act (Act no. 43 of 1983). An Invasive species control plan should be implemented at least every 3 months after construction and should be included within the EIA Report and EMP.

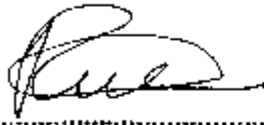
i) The proposed activity will comply to all Municipal By-laws.

6. CONCLUSION

The above recommendations should be investigated and included within the report.

The Department will only provide final comments upon receipt of the Draft Environmental Impact Assessment Report, with the inclusion of the above recommendations..

Yours faithfully,



11/06/2012

Mr Livhuwani Siphuma Date

EXECUTIVE DIRECTOR: ENVIRONMENTAL MANAGEMENT DIVISION

Letter signed by: Rudzani Mukheli

Designation: Deputy Director: Open Space Management Section

CC Gauteng Department of Agriculture and Attn:
Rural Development

Mr. Teboho Leku

Tel: (011)355 1860

Fax 086 606 1197



Environmental Management Department

4th Floor, Nr 11 Francis Baard Street, Pretoria
PO Box 1454 | Pretoria 10001
Email: Tel: 012 358 8871 | Fax: 012 358 8934
Email: LvhuwaniS@tshwane.gov.za | www.tshwane.gov.za

Myref:	8/4/R/4	Tel:	012 358 8731
Your ref:	GAUT 002/11-12/E0135	Fax:	012 358 8934
Contact person:	J. Prinsloo	Email:	rudznim@tshwane.gov.za
Section:	Open Space Management Section	Date:	29 July 2013

Bokamoso Environmental
P.O. Box 11375
Maroelana
0161

Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za

Dear Sir/Madam,

FINAL SCOPING REPORT FOR THE CONSTRUCTION OF A SECTION OF OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO THE K54

Your Report dated 21 June 2013 refers,

1. INTRODUCTION

The Environmental Management Department (the Department) has considered the Final Scoping Report in respect of the above-mentioned application. The Final Scoping Report is submitted to the Environmental Management Department of the City of Tshwane, hereafter referred to as "the City", as a commenting authority in terms of the National Environmental Management Act (NEMA) and EIA Regulations of August 2010.

2. PROJECT LOCATION AND DESCRIPTION

Bokamoso Environmental was appointed by JR 209 Investments (Pty) Ltd to complete an Environmental Impact Process for the authorization of the route determination and construction of a section of the proposed Olievenhoutbosch Road from Main Road to the K54.

The involved section of Olievenhoutbosch Road is situated on Portion 198, Remainder of Portion 330 and Portion 355 of the Farm Doornkloof 391-JR and within the existing road reserve of Nellmapius Drive/M31 and the road servitude of the R21.

The proposed road for consideration only represents a section of the larger Olievenhoutbosch Road. The proposed section stretches from Main Road in the west to the K54 in the east. The proposed road section is approximately 4km in length and is located within the Centurion area

and falls within the 5'o Clock site. The involved section of the Olievenhoutbosch Road is located within the area of jurisdiction of the City of Tshwane Metropolitan Municipality.

3. KEY FACTORS INFORMING THE COMMENTS

In making comments in respect of the proposed Activity the Department has taken, *inter alia*, the following into consideration:

- a) The information contained in the Final Scoping Report dated June 2013.
- b) Information obtained from the Section's information base including *inter alia*:
 - Geographic Information System (GIS); and
 - Gauteng Open Space Plan (GOSP).
- c) Compliance with applicable Municipal, Provincial, and National Policies and Guidelines including:
 - The National Environmental Management Act 1998 (Act 107 of 1998) (NEMA): its decision-making principles and Environmental Impact Assessment Regulations;
 - The Tshwane Integrated Environmental Policy (TIEP);
 - The Tshwane Open Space Framework (TOSF); and
 - The Bioregional Plan for the Gauteng Metropolitan Municipalities.

4. DISCUSSION

In reviewing the application the Department made the following findings:

- a) According to the Tshwane Open Space Framework the proposed site is situated within and adjacent to the following open space typologies:
 - A **Blue Node** namely Sesmylspruit and associated Wetlands (Linear Ecological Open space system associated with water) of Metropolitan significance. Blue nodes have a secondary socio-economic and place making function, therefore they must be conserved.
 - A **Blue Way**, namely Sesmylspruit and associated wetlands. Blue ways are the most important elements in the provisioning of environmental goods and services, the protection of biodiversity, endangered species and ecological systems as well as eco-based activity. Blue ways must therefore be conserved.
 - A **Green Node**, namely GDARD Important site: Between R21, Cornwall Hill and GDARD Irreplaceable Site: 5 O'clock Site and. Green nodes are the most important elements in the provisioning of environmental goods and services, the protection of biodiversity, endangered species and ecological systems, as well as eco-based activity. Green nodes must be protected for conservation purposes.
 - A **Green Way** namely Cornwall Hill and Rietvlei Nature Reserve Ridges. These are protected areas which forms part of the strategically important ecological Structuring Elements within the Tshwane Open Space Network and must be conserved.
 - A **Red Node**, namely the R21/Neilmapius Road Offramp, Neilmapius Road, R54 & Goedehoop Road, Boeing Road Intersection. The value of red Nodes lies in their place-making function and in creating a high quality urban environment that supports the image of a capital city.
 - Gauteng Department of Agriculture and Rural Development Conservation Plan Version 3.
 - Transformed Ridges
- b) According to the Bioregional Plan for the Gauteng Metropolitan Municipalities the proposed site is situated within and adjacent to the following areas:

- **Formal Protected Areas:** Protected Areas include Provincial Nature Reserves (protected by the National Environment Management: Protected Areas Act 57 of 2003); Municipal Nature Reserves (including Bird Sanctuaries); other state protected areas (Meteorite Crater Reserve & portions of Botanical Gardens); and Private Nature Reserves and Natural Heritage Sites. Importantly, the areas include both areas that are formally proclaimed and protected by appropriate legislation and managed as such, as well as those that are either appropriately proclaimed and protected or that are managed primarily for biodiversity purposes according to a management plan.
 - **Critical Biodiversity Area 1:** Any terrestrial or aquatic area required to meet biodiversity pattern and/or process thresholds. These include any area that is required for meeting pattern thresholds, namely remaining areas of Critically Endangered vegetation types and areas required to protect threatened species; any area that is required for meeting process thresholds such as areas important for climate change adaptation; and hydrological process areas such as high priority wetlands and catchments, pan clusters and pans within priority catchments. In addition to the above areas where there is little or no choice of area identified, CBAs include all 'best design' sites in terms of meeting pattern and process thresholds, identified by the iterative conservation planning process. 'Best design' refers to an identified network of natural sites that meet pattern and process thresholds in all vegetation types and features in a spatially efficient and ecologically robust way, and aim to avoid conflict with other activities (e.g. economic activity) where it is possible to achieve biodiversity thresholds elsewhere.
 - **Ecological Support Areas 1 & 2:** Supporting zone required to prevent degradation of Critical Biodiversity Areas and Protected Areas. These include remaining corridor, catchment, wetland and other process areas that are required to prevent degradation of Critical Biodiversity Areas and formal Protected Areas; and areas which would otherwise have been identified as Critical Biodiversity Areas except that have been transformed or degraded, but which are currently or potentially still important for supporting ecological processes e.g. floodplain areas that have transformed or degraded. These areas are a focus for rehabilitation rather than the intensification of land uses.
- c) According to the Report the proposed road will be additional lanes to the existing approved Olievenhoutbosch Road which is already in construction.
 - d) The Report indicated that the proposed road is needed to alleviate congestion on the approved Olievenhoutbosch Road.
 - e) The Report indicated that Olievenhoutbosch Road is a Metropolitan Class 2 Road that will link the Samrand Interchange on the N1 Highway with the R21 route in the east.
 - f) The Report indicated that 600m additional from the section of road will be scanned to ensure that the alignment extension will be possible to proceed without any environmental sensitivities.
 - g) According to the Report detailed surveys for the 600m node extensions to the south of the involved section of Olievenhoutbosch is regarded as necessary as the section to the east is identified as an irreplaceable site.
 - h) The Report indicated that should the road extension in future be extended from the proposed section of road, the road can terminate and act as an independent road should the extension be regarded as a "fatal flaw".
 - i) According to the Report the proposed alignment will only direct traffic from east to west. The already approved Olievenhoutbosch Road will direct traffic from west to east.
 - j) The Report indicated for the first phase the proposed section of road will consist of only one lane. If needed, an additional lane will be added in future.

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 08:56 AM
To: njanuary@jhb.sahra.org.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

Please refer to the attached invitation to review the Draft Scoping Report for the proposed *Olievenhoutbosch Road* project which will be available from **23 April 2012**.

Please don't hesitate to contact our offices for any additional information or queries.

Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 3463810 | f: +27 86 570 56 59
36 Lehombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelle@mweb.co.za>
Sent: 20 April 2012 09:00 AM
To: maphata.ramphele@gauteng.gov.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

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Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelle@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: customerservice@randwater.co.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

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Please don't hesitate to contact our offices for any additional information or queries.

Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelle@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: chrisbu@gpg.gov.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

Please refer to the attached invitation to review the Draft Scoping Report for the proposed *Olievenhoutbosch Road* project which will be available from **23 April 2012**.

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Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelle@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: RudzaniM@TSHWANE.GOV.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

Please refer to the attached invitation to review the Draft Scoping Report for the proposed *Olievenhoutbosch Road* project which will be available from **23 April 2012**.

Please don't hesitate to contact our offices for any additional information or queries.

Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: keetm@dwaf.gov.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

Please refer to the attached invitation to review the Draft Scoping Report for the proposed *Olievenhoutbosch Road* project which will be available from **23 April 2012**.

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Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelle@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: justicem@dwaf.gov.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

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Juanita De Beer


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Landscape Architects**
e: lizelle@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lehombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: paia@eskom.co.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

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Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(32) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: central@eskom.co.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

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Kind Regards

Juanita De Beer


Bokamoso
**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:04 AM
To: schmidk@nra.co.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

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Please don't hesitate to contact our offices for any additional information or queries.

Kind Regards

Juanita De Beer


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Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 09:21 AM
To: 'daniel.ramokone@transnet.net'
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Interested and Affected Party Member,

To whom it may concern

Please refer to the attached invitation to review the Draft Scoping Report for the proposed *Olievenhoutbosch Road* project which will be available from **23 April 2012**.

Please don't hesitate to contact our offices for any additional information or queries.

Kind Regards

Juanita De Beer


Bokamoso
Environmental Consultants &
Landscape Architects
e: lizelleg@mweb.co.za | t: +27(12) 346 3810 | f: +27 86 570 56 59
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 20 April 2012 08:51 AM
To: gheath@geoscience.org.za
Subject: Draft Scoping Report - Olievenhoutbosch Road
Attachments: Review Notice.ppt

Dear Interested and Affected Party Member,

To whom it may concern

Please refer to the attached invitation to review the Draft Scoping Report for the proposed *Olievenhoutbosch Road* project which will be available from **23 April 2012**.

Please don't hesitate to contact our offices for any additional information or queries.

Kind Regards

Juanita De Beer


**Environmental Consultants &
Landscape Architects**
e: lizelleg@mweb.co.za | t: +27(12) 346 3830 | f: +27 86 570 56 59
36 Leboimbo Road Ashlea Gardens, Pretoria

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 15 July 2013 10:53 AM
To: james.ah.campbell@gmail.com; rrhoarwh@gmail.com; 'tph@tph.co.za'; 'Brian.Melvill-Smith@barloworldmotor.com'; 'chrisg@bibletruths.co.za'; 'ccomrie@mhg.co.za'; 'manager@cornwallhill.co.za'; 'gill.udal@telkomsa.net'; 'gorourke@chieftain.ie'; 'mwcspoel@mweb.co.za'; 'kobus@dhkthinkspace.co.za'; 'hiltb@telkomsa.net'; 'dawie@gs2.co.za'; 'FawkesMG@eskom.co.za'; 'michelle.marais@angloamerican.com'; 'dkoa@salbu.co.za'; 'robert@multicat.co.za'; 'trublet@global.co.za'; 'carlomach@absamail.co.za'; 'tomhannay.sa@gmail.com'; 'semmelink@webmail.co.za'
Subject: Olievenhoutbosch Road - Review Notice Invitation
Attachments: Review Notice.pdf

Dear Interested and/or Affected Party Member,

Please refer to the attached Review Notice Invitation regarding the **Final Scoping Report** for the proposed **Olievenhoutbosch Road Project**.

All interested and affected parties are invited to review the development information. Please submit your comments on the Final Scoping Report within 21 days to the Gauteng Department of Agriculture and Rural Development (GDARD) – Attention: Justine Chan (email: Justine.Chan@gauteng.gov.za or fax: 011 355 1000). Please cc your comments to Bokamoso (email: lizelleg@mweb.co.za or fax: 086 570 5659).

Please note that the Report will be **available from Wednesday, 17 July 2013** at the Lyttleton Library or on our website: www.bokamoso.biz

Hope this finds you well

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11575 Maroelana 0101

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 15 July 2013 10:56 AM
To: 'Mara.Temple@gpaa.gov.za'; 'Nina.Strydom@up.ac.za'; 'casperm@tshwane.gov.za'; 'manda@soundandimage.co.za'; 'roux@rouxprops.co.za'; 'marese@rouxprops.co.za'; 'bea@tph.co.za'; 'nkoneigh@randwater.co.za'; 'visserliz@mweb.co.za'; 'raj@glencarol.co.za'; 'edumeyer@iburst.co.za'; 'Rschuster@barloworld-equipment.com'; 'Magda.oosthuizen@seeff.com'; 'estatemanager@irenefarmvillages.co.za'; 'jaco.vdwesthuizen@me.com'
Subject: Olievenhoutbosch Road - Review Notice Invitation
Attachments: Review Notice.pdf

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Please note that the Report will be **available from Wednesday, 17 July 2013** at the Lyttleton Library or on our website: www.bokamoso.biz

Hope this finds you well

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelle@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0101

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 22 October 2013 11:28 AM
To: jgrobler@geoscience.org.za; asalomon@sahra.org.za;
maphata.ramphele@gauteng.gov.za; justicem@dwaf.gov.za; keetm@dwaf.gov.za;
siwelanel@dwa.gov.za; tshifaror@dwa.gov.za; Central@eskom.co.za;
paia@eskom.co.za; schmidk@nra.co.za; kumen.govender@gauteng.gov.za;
mmpshe@randwater.co.za; nkoneigh@randwater.co.za; rudzanim@tshwane.gov.za;
daniel.ramokone@transnet.net; casperm@tshwane.gov.za
Subject: Olievenhoutbosch Road - Public Participation Process EIA
Attachments: Public Notice EIA.pdf; Landowner & Tenants Letter.pdf

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road Project.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizeileg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 22 October 2013 11:22 AM
To: james.ah.campbell@gmail.com; rrhoarth@gmail.com; tph@tph.co.za; Brian.Melville-Smith@barloworldmotor.com; chrisg@bibletruths.co.za; ccomrie@mhg.co.za; manager@cornwallhill.co.za; gill.udal@telkomsa.net; gorourke@chieftain.ie; MalulekeJ@dwa.gov.za; mwcspoel@mweb.co.za; 'RiaanM@tshwane.gov.za'; kobus@dhkthinkspace.co.za; hiltb@telkomsa.net; dawie@gs2.co.za; FawkesMG@eskom.co.za; michelle.marais@angloamerican.com; dkoa@salbu.co.za; robert@multicat.co.za; trublet@global.co.za; carlomach@absamail.co.za; tomhannay.sa@gmail.com; semmelink@webmail.co.za; Mara.Temple@gpaa.gov.za; Nina.Strydom@up.ac.za; casperm@tshwane.gov.za; manda@soundandimage.co.za; roux@rouxprops.co.za; marese@rouxprops.co.za; bea@tph.co.za; nkoneigh@randwater.co.za; visserliz@mweb.co.za; raj@glencarol.co.za; edumeyer@lburst.co.za; Rschuster@barloworld-equipment.com; Magda.oosthuizen@seeff.com; Magdafick@yahoo.co.uk; estatemanager@irenefarmvillages.co.za; jaco.vdwesthuizen@me.com; willem6060@gmail.com; wldebeer@gmail.com
Subject: Olievenhoutbosch Road - Public Participation Process EIA
Attachments: Public Notice EIA.pdf; Landowner & Tenants Letter.pdf

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road Project.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5859 | E: lizalleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 22 October 2013 04:30 PM
To: tomhannay.sa@gmail.com
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

Dear Tom Hannay,

Thank you for your response; you are already registered as Interested and/or Affected Party Member for the proposed Olievenhoutbosch Road Project.

Please submit if you have any issues and comments regarding the abovementioned Project.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.


T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
38 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161


Please consider the environment before printing this email


From: Tom Hannay [<mailto:tomhannay.sa@gmail.com>]
Sent: 22 October 2013 04:14 PM
To: 'Bokamoso'
Cc: Andrew Hannay
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

This serves to confirm that I **have received** the Landowners/Tenant Notification and your covering letter. At present I do not have tenants on my property but have advertised to construct a second dwelling on the front part of my property, which will border Alexandra Road. Your letters will be sent to the developer of the proposed second dwelling (see added address above).

Tom Hannay

 083-447-9442

 012 667-4520

 086-541-7220

Juanita

From: Bokamoso <lizelleg@mweb.co.za>
Sent: 22 October 2013 02:57 PM
To: user3@bokamoso.net
Cc: user1@bokamoso.net
Subject: FW: Olievenhoutbosch Road - Public Participation Process EIA

From: Edu & Edna [<mailto:eduednameyer@gmail.com>]
Sent: 22 October 2013 02:53 PM
To: Bokamoso
Subject: Re: Olievenhoutbosch Road - Public Participation Process EIA

Good Day.

This serves to acknowledge that we have received the relevant notification.

Regards, E H H Meyer (Prof)

Sent from my iPad

On 22 okt. 2013, at 11:22, Bokamoso <lizelleg@mweb.co.za> wrote:

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road Project.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer

<image001.jpg>
Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Marolana 0161

Please consider the environment before printing this email

<Public Notice EIA.pdf>

<Landowner & Tenants Letter.pdf>

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 12 August 2013 09:39 AM
To: user3@bokamoso.net
Subject: FW: Olievenhoutbosch Road Development

Flag Status: Flagged

Mientjie Coetzee



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.net
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

From: Bokamoso [<mailto:lizelleg@mweb.co.za>]
Sent: 12 August 2013 08:20 AM
To: mientjie@bokamoso.net; user1@bokamoso.net
Subject: FW: Olievenhoutbosch Road Development

From: Lizelle de Beer [<mailto:wildebeer@gmail.com>]
Sent: 11 August 2013 04:11 PM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch Road Development

Hi Lizelle,

We recently became aware of the proposed Olievenhoutbosch road development and upon acquiring and reading the Scoping Report for the Olievenhoutbosch Road GAUT: 002/11-12/EO135 we have reservations about the development.

The proposed road (all three alternatives) passes very close (two to three times closer than Nellmapius road) to Cornwall Hill estate (Refer to Figure 2: Aerial Map). According to Figure 16: Visual Assessment Map, the road will also be clearly visible from houses on the estate especially those on the boundary.

The close proximity and local topography of the area overlooking the proposed road will result in a severe impact on noise levels, visuals and hence the qualitative environment from the perspective of the existing home owners on this specific boundary of Cornwall Hill Estate. An impact on property values of houses on the boundary of Cornwall Hill Estate next to the proposed road is a distinct possibility.

In Section 2.4.8 of the report it is stated that the design speed of the road is 80 km/h, but with no specific reserve width stated. Reserve road width will have an effect on the qualitative environment and should be stated in the report.

In Section 8.3.1 mention is made of mitigation measures to reduce noise levels to an acceptable level (50 dBa). It is not stated what these measures will be nor how the effectiveness of the measures will be determined and what recourse there will be if the measures are not effective or even possible.

Due to the aforementioned factors we are an Interested and Effected party and wish our comments to be included as part of the review process of the report.

How do we go about ensuring that we receive all updates and input to the above?

Regards

Marthinus/Lizelle de Beer

(082 805 5242/3)

Letter

In terms of Section 38 of the National Heritage Resources Act (Act 25 of 1999)

Attention: JR 209 Investments (Pty) Ltd

Portion 1, Portion 188 and the Remainder of Portion 330; Portion 335 and Portion 5 of the Farm Doornkloof 391 JR; the Road reserve of Nellmapius Drive/M31 and the Road servitude of the R21

Thank you for your notification regarding this development.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that prior to development it is incumbent on the developer to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

The quickest process to follow for the archaeological component is to contract an accredited specialist (see the web site of the Association of Southern African Professional Archaeologists www.asapa.org.za) to provide a Phase 1 Archaeological Impact Assessment Report. This must be done before any large development takes place.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.

Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Palaeontological Desk Top study must be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary.

If the property is very small or disturbed and there is no significant site the heritage specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.



Olievenhoutbosch Road from Main Road to K54

Our Ref: 9/2/258/0044

Enquiries: Andrew Salomon
Tel: 021 462 4502
Email: asalomon@sahra.org.za
CaseID: 3915

Date: Wednesday October 30, 2013

Page No: 2



an agency of the
Department of Arts and Culture

Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Andrew Salomon
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/136557>
(GDARD, Ref. Gaut: 002/11-12/E0135)



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4505 * Web: <http://www.sahra.org.za>

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 16 July 2013 08:23 AM
To: 'willem6060@gmail.com'
Subject: RE: Fw: Olievenhoutbosch Road - Review Notice Invitation

Geagte Willem Hart,

Neem asseblief kennis dat die verslag eers Môre sal beskikbaar wees.

Jy moet eerstens net registreer vir ons onthou op die webtuiste – username en password – na dit kan jy in log.
Search: Olievenhoutbosch Road.

Ek sien as 'n Raadslid is jy ook geaktiveer op die projek, ek sal jou registreer as belanghebbende persoon.

Hoop alles is in orde.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0181

Please consider the environment before printing this email

From: willem6060@gmail.com [<mailto:willem6060@gmail.com>] **On Behalf Of** wh
Sent: 15 July 2013 08:41 PM
To: lizelleg@mweb.co.za
Subject: Re: Fw: Olievenhoutbosch Road - Review Notice Invitation

Lizelle,

Waar op die Bokamoso site sal mens dié verslag vind? En wat is sy presiese titel soos hy op die site verskyn?

Groete

Willem Hart

082 900 8292

On 15 July 2013 11:25, <ward79tshwane@gmail.com> wrote:
Fyi. This affects our ward. Regards, Vickey
Sent via my BlackBerry from Vodacom - let your email find you!

From: Christa Spoelstra <mwcspoel@mweb.co.za>
Date: Mon, 15 Jul 2013 11:13:29 +0200
To: V A Bosch <ward79tshwane@gmail.com>
Subject: FW: Olievenhoutbosch Road - Review Notice Invitation

Hi Another one for you. Both our wards are affected by this road!
Regards
C

From: "Lizelleg@mweb.co.za" <Lizelleg@mweb.co.za>
Date: Mon, 15 Jul 2013 10:53:21 +0200
To: <james.ah.campbell@gmail.com>, <rrhowarth@gmail.com>, <tph@tph.co.za>, <Brian.Melville-Smith@barloworldmotor.com>, <chrisg@bibletruths.co.za>, <ccomrie@mhg.co.za>, Dirk Heyns <manager@cornwallhill.co.za>, <gill.udal@telkomsa.net>, <gorourke@chieftain.ie>, Christa Spoelstra <mwcspoel@mweb.co.za>, <kobus@dhkthinkspace.co.za>, <hiltb@telkomsa.net>, <dawie@gs2.co.za>, <FawkesMG@eskom.co.za>, <michelle.marais@angloamerican.com>, <dkoa@salbu.co.za>, <robert@multicat.co.za>, <trublet@global.co.za>, <carlomach@absamail.co.za>, <tomhannay.sa@gmail.com>, <semmelink@webmail.co.za>
Subject: Olievenhoutbosch Road - Review Notice Invitation

Dear Interested and/or Affected Party Member,

Please refer to the attached Review Notice Invitation regarding the *Final Scoping Report* for the proposed *Olievenhoutbosch Road Project*.

All interested and affected parties are invited to review the development information. Please submit your comments on the Final Scoping Report within 21 days to the Gauteng Department of Agriculture and Rural Development (GDARD) – Attention: Justine Chan (email: Justine.Chan@gauteng.gov.za or fax: 011 355 1000). Please cc your comments to Bokamoso (email: lizelleg@mweb.co.za or fax: 086 570 5659).

Please note that the Report will be *available from Wednesday, 17 July 2013* at the Lyttleton Library or on our website: www.bokamoso.biz

Hope this finds you well

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: [\(+27\)12 346 3810](tel:+27123463810) | F: [\(+27\) 86 570 5659](tel:+27865705659) | E: lizalleg@mweb.co.za | www.bokamoso.biz

36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 22 October 2013 02:50 PM
To: RiaanM@tshwane.gov.za
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

Dear Riaan Marais,

Thank you for your response, I have already registered Rietvlei Nature Reserve as Interested and/or Affected Party Member for the proposed Olievenhoutbosch Road Project.

We will keep you updated regarding the process in the future.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: izelle@mwweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

From: Riaan Marais [<mailto:RiaanM@TSHWANE.GOV.ZA>]
Sent: 22 October 2013 02:14 PM
To: Bokamoso
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA



Hi,

Is this road going to replace the Olievenhoutbosch Road?
Please register Rietvlei Nature Reserve as a interested and affected party.

Regards,



Riaan Marais | Functional Head: Rietvlei Nature Reserve

Main Gate | Rietvlei Nature Reserve | Pretoria |
PO Box 1454 | Pretoria | 0001 | www.tshwane.gov.za

Tel: 012 358 1810 | Mobile: +27 82 925 5138 | Email: riaanm@tshwane.gov.za

From: Bokamoso [<mailto:lizelleg@mweb.co.za>]

Sent: 22 October 2013 11:22 AM

To: james.ah.campbell@gmail.com; rrhowarth@gmail.com; tph@tph.co.za; Brian.Melville-Smith@barloworldmotor.com; chris.manager@cornwallhill.co.za; gill.udal@telkomsa.net; gorourke@chieftain.ie; MalulekeJ@dwa.gov.za; mwcpoel@mweb.co.za; kobus@dhkthinkspace.co.za; hiltb@telkomsa.net; dawie@gs2.co.za; FawkesMG@eskom.co.za; michelle.marais@angloamer.com; robert@multicat.co.za; trublet@global.co.za; carlomach@absamail.co.za; tomhannay.sa@gmail.com; semmelink@webmail.co.za; Nina.Strydom@up.ac.za; Councillor Casper N. McDonald; manda@soundandimage.co.za; roux@rouxprops.co.za; marese@nkoneigh@randwater.co.za; visserliz@mweb.co.za; raj@glencarol.co.za; edumeyer@iburst.co.za; Rschuster@barloworld-eq.com; Magda.oosthuizen@seeff.com; Magdafick@yahoo.co.uk; estatemanager@irenefarmvillages.co.za; jaco.vdwesthuizen@me.com; wldbeer@gmail.com

Subject: Olievenhoutbosch Road - Public Participation Process EIA

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizalleg@mwab.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

http://www.tshwane.gov.za/Pages/Email_disclaimer.aspx

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 22 October 2013 02:55 PM
To: RiaanM@tshwane.gov.za
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

Dear Riaan Marais,

No, it is just an additional line in the opposite direction.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

From: Riaan Marais [<mailto:RiaanM@TSHWANE.GOV.ZA>]
Sent: 22 October 2013 02:14 PM
To: Bokamoso
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

LOVE OUR SPRING In Tshwane

WIN WITH TSHWANE

CLICK HERE FOR MORE INFO

TSHWANE City's Future 2055

CITY OF TSHWANE Igniting Excellence

Hi,

Is this road going to replace the Olievenhoutbosch Road?
Please register Rietvlei Nature Reserve as a interested and affected party.

Regards,



Riaan Marais | Functional Head: Rietvlei Nature Reserve

Main Gate | Rietvlei Nature Reserve | Pretoria |
PO Box 1454 | Pretoria | 0001 | www.tshwane.gov.za

Tel: 012 358 1810 | Mobile: +27 82 925 5138 | Email: riaanm@tshwane.gov.za

From: Bokamoso [<mailto:lizelleg@mweb.co.za>]

Sent: 22 October 2013 11:22 AM

To: james.ah.campbell@gmail.com; rrhowarth@gmail.com; tph@tph.co.za; Brian.Melville-Smith@barloworldmotor.com; christian.manager@cornwallhill.co.za; gill.udal@telkomsa.net; gorourke@chieftain.ie; MalulekeJ@dwa.gov.za; mwespoel@mweb.co.za; kobus@dhkthinkspace.co.za; hiltb@telkomsa.net; dawie@gs2.co.za; FawkesMG@eskom.co.za; michelle.marais@angloamerica.com; robert@multicat.co.za; trublet@global.co.za; carlomach@absamail.co.za; tomhannay.sa@gmail.com; semmelink@webmail.co.za; Nina.Strydom@up.ac.za; Councillor Casper N. McDonald; manda@soundandimage.co.za; roux@rouxprops.co.za; marese@randkoneigh@randwater.co.za; visserliz@mweb.co.za; raj@glencarol.co.za; edumeyer@iburst.co.za; Rschuster@barloworld-eq.com; Magda.oosthuizen@seeff.com; Magdafick@yahoo.co.uk; estatemanager@irenefarmvillages.co.za; jaco.vdwesthuizen@me.com; wildebeer@gmail.com

Subject: Olievenhoutbosch Road - Public Participation Process EIA

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5650 | E: lizelleg@mweb.co.za | www.bokamoso.biz
30 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Marocclana 0161

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 23 October 2013 01:56 PM
To: gorourke@chieftain.ie
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

Dear Gerard O Rourke,

Thank you for your response, I have noted your comments on our Issues and Comments Register.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lobombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

From: Gerard O Rourke [<mailto:gorourke@chieftain.ie>]
Sent: 23 October 2013 01:44 PM
To: Bokamoso
Subject: Re: Olievenhoutbosch Road - Public Participation Process EIA

I vote for ALT. 3

Kind Regards

Gerard O Rourke MMII CEO
Chieftain Real Estate Inc
Pretoria, South Africa.

Int Cell +353 87 3569 088
Sa Cell +27 83 87 496 23

gorourke@chieftain.ie

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 22 October 2013 01:24 PM
To: mwcspoel@mweb.co.za
Subject: RE: Olievenhoutbosch Road - Public Participation Process EIA

Dear Christa Spoelstra,

Thank you for your response; you are already registered as Interested and/or Affected Party Member for the proposed Olievenhoutbosch Road Project.

We will keep you updated regarding the process in the future.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0101

Please consider the environment before printing this email

From: Christa Spoelstra [<mailto:mwcspoel@mweb.co.za>]
Sent: 22 October 2013 12:16 PM
To: Bokamoso
Subject: Re: Olievenhoutbosch Road - Public Participation Process EIA

Hi Juanita

Please list me as an interested party

Regards

Cllr/Rdl Christa Spoelstra
Ward/Wyk 65
Tshwane Metro
082 880 5300

From: "Lizelleg@mweb.co.za" <Lizelleg@mweb.co.za>
Date: Tue, 22 Oct 2013 11:22:07 +0200

To: <james.ah.campbell@gmail.com>, <rrhowarth@gmail.com>, <tph@tph.co.za>, <Brian.Melville-Smith@barloworldmotor.com>, <chrsg@bibletruths.co.za>, <ccomrie@mhg.co.za>, Dirk Heyns <manager@cornwallhill.co.za>, <gill.udal@telkomsa.net>, <gorourke@chieftain.ie>, <MalulekeJ@dwa.gov.za>, Christa Spoelstra <mwespoel@mweb.co.za>, <RiaanM@tshwane.gov.za>, <kobus@dhkthinkspace.co.za>, <hiltb@telkomsa.net>, <dawie@gs2.co.za>, <FawkesMG@eskom.co.za>, <michelle.marais@angloamerican.com>, <dkoa@salbu.co.za>, <robert@multicat.co.za>, <trublet@global.co.za>, <carlomach@absamail.co.za>, <tomhannay.sa@gmail.com>, <semmelink@webmail.co.za>, <Mara.Temple@gpaa.gov.za>, <Nina.Strydom@up.ac.za>, Councillor McDonald <CasperM@TSHWANE.GOV.ZA>, <manda@soundandimage.co.za>, <roux@rouxprops.co.za>, <marese@rouxprops.co.za>, <bea@tph.co.za>, <nkoneigh@randwater.co.za>, <visserliz@mweb.co.za>, <raj@glencarol.co.za>, <edumeyer@iburst.co.za>, <Rschuster@barloworld-equipment.com>, <Magda.posthuizen@seeff.com>, <Magdafick@yahoo.co.uk>, <estatemanager@irenefarmvillages.co.za>, <jaco.vdwesthuizen@me.com>, <willem6060@gmail.com>, <wildebeer@gmail.com>

Subject: Olievenhoutbosch Road - Public Participation Process EIA

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road Project.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Please consider the environment before printing this email

Juanita

From: Juanita <user3@bokamoso.net>
Sent: 14 August 2013 09:02 AM
To: 'wldebeer@gmail.com'
Subject: RE: Olievenhoutbosch Road Development

Dear Lizelle de Beer,

Thank you for your response, I have registered you as Interested and/or Affected Party Member for the proposed Olievenhoutbosch Road Project. I will keep you updated regarding the process in the future.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



**Landscape Architects &
Environmental Consultants cc.**

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375, Maroelana 0161

Please consider the environment before printing this email

From: Lizelle de Beer [<mailto:wldebeer@gmail.com>]
Sent: 11 August 2013 04:11 PM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch Road Development

Hi Lizelle,

We recently became aware of the proposed Olievenhoutbosch road development and upon acquiring and reading the Scoping Report for the Olievenhoutbosch Road GAUT: 002/11-12/EO135 we have reservations about the development.

The proposed road (all three alternatives) passes very close (two to three times closer than Nellmapius road) to Cornwall Hill estate (Refer to Figure 2: Aerial Map). According to Figure 16: Visual Assessment Map, the road will also be clearly visible from houses on the estate especially those on the boundary.

The close proximity and local topography of the area overlooking the proposed road will result in a severe impact on noise levels, visuals and hence the qualitative environment from the perspective of the existing

home owners on this specific boundary of Cornwall Hill Estate. An impact on property values of houses on the boundary of Cornwall Hill Estate next to the proposed road is a distinct possibility.

In Section 2.4.8 of the report it is stated that the design speed of the road is 80 km/h, but with no specific reserve width stated. Reserve road width will have an effect on the qualitative environment and should be stated in the report.

In Section 8.3.1 mention is made of mitigation measures to reduce noise levels to an acceptable level (50 dBa). It is not stated what these measures will be nor how the effectiveness of the measures will be determined and what recourse there will be if the measures are not effective or even possible.

Due to the aforementioned factors we are an Interested and Affected party and wish our comments to be included as part of the review process of the report.

How do we go about ensuring that we receive all updates and input to the above?

Regards

Marthinus/Lizelle de Beer

(082 805 5242/3)

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:27 AM
To: 'manager@cornwallhill.co.za'; 'l.kunneke@cornwall.co.za'; 'h.cohoe@cornwall.co.za'; 'dehning@mweb.co.za'; 'elana@salbro.co.za'; 'dkoa@salbu.co.za'; 'salbu@icon.co.za'; 'smutshouse@iburst.co.za'; 'ai@taurus.co.za'; 'LutzJ@TSHWANE.GOV.ZA'; 'accounts@ireneestate.co.za'; 'judamo@webmail.co.za'; 'info@twinriversestate.co.za'; 'rudolph.jansen@mtnloaded.co.za'; 'gemvillage@iburst.co.za'; 'info@rmmanor.co.za'; 'rochelle@ippartners.co.za'; 'hsj@tiq.co.za'; 'ireneglen@telkomsa.net'; 'rohan@mwg.co.za'; 'accounts@ireneestate.co.za'; 'owners@rietvleiview.co.za'; 'rudolph.jansen@mtnloaded.co.za'; 'elana@salbro.co.za'; 'barbara@sagewoodconsulting.co.za'; 'sean.cullinan@telkomsa.net'; 'ivan@ippartners.co.za'; 'irenemkt@mweb.co.za'; 'deon@belvedere.co.za'; 'fritss@boogertmanpta.co.za'; 'eric@planpractice.co.za'; 'rudolph@law.co.za'; 'jerry@civilconcepts.co.za'; 'junaid@p-3.co.za'; 'jack@centurus.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:32 AM
To: 'bea@tph.co.za'; 'thewills@mweb.co.za'; 'jaco@sylvania.co.za';
'vonselen@netactive.co.za'; 'mariedelarey@mweb.co.za'; 'dutoith@telkomsa.net';
'watsonmj@mweb.co.za'; 'DeWet.Herselman@exxaro.com';
'mwcspoel@mweb.co.za'; 'esteyn@argility.com'; 'GarnerD@velavke.co.za';
'ericc@gpg.gov.za'; 'smartinvn@telkomsa.net'; 'riacuthbert@mweb.co.za';
'janetpearce@telkomsa.net'; 'spike.delarey@telkom.co.za'; 'spikedlr@telkomsa.net';
'spike.delarey@telkom.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed ***Olievenhoutbosch Road from Main Road to K54*** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke


**Environmental Consultants &
Landscape Architects**
P.O. Box 10000, Ashlea Gardens, Pretoria
Tel: +27 (0) 11 846 3836 | Fax: +27 (0) 11 846 5659
96 Tebamba Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:30 AM
To: 'jac.botha@route2.co.za'; 'jaco.deVries@aurecongroup.com';
'avross@netactive.co.za'; 'calitz.rehann@iburst.co.za'; 'sackesp5@mweb.co.za';
'marketing@irene.co.za'; 'francesf@pro-pharm.co.za'; 'bula@yebo.co.za';
'FawkesMG@eskom.co.za'; 'thewills@mweb.co.za'; 'james.ah.cambell@gmail.com';
'neil.fiorentinos@bmw.de'; 'schalk@burger.nom.za'; 'andrew@BKS.co.za';
'dewet.herselman@exxaro.com'; 'tomhannay.sa@gmail.com';
'martin@ceradvance.co.za'; 'lizanne@bestclothing.co.za'; 'idward@netactive.co.za';
'woudstra@law.co.za'; 'fvt@fvt.co.za'; 'jonathan.greengrass@sita.co.za';
'ianmac@gafrika.com'; 'Huw@oreport-international.com.sg';
'sharon.pen@telkomsa.net'; 'trumpc@wol.co.za'; 'creitz@alignafrica.com';
'LanceSmith@avis.co.za'; 'tim.donkin@gmail.com'; 'jonathan.greengrass@sita.co.za';
'MFoxMartin@foxprojects.co.za'; 'di@doctech.co.za'; 'velerie.vanstaden@gmail.com';
'Brian.melvill-Smith@barlowworldmotor.com'; 'patjay@axxess.co.za';
'jaco@sylvania.co.za'; 'barbara@02smart.com'; 'keith.kent@lafarge-za.lafarge.com';
'franceson@uis-as.co.za'; 'miles.saxby@za.sabmiller.com'; 'tph@tph.co.za';
'cesarem@benzuresources.com'; 'tulip@cyberserv.co.za'; 'thewills@mweb.co.za';
'avross@netactive.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed ***Olievenhoutbosch Road from Main Road to K54*** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke


Environmental Consultants &
Landscape Architects
011 212 346 3465 | 011 212 346 3465
56 Lelembu Road, Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:26 AM
To: 'b.j.v@mweb.co.za'; 'guy@raventp.co.za'; 'loubser.dekokk@za.saabgroup.com'; 'ireneglen@telkomsa.net'; 'yvette.vanniekerk@treasury.gov.za'; 'rudolph@law.co.za'; 'hardus.steyn@gmail.com'; 'Jan.snyman@sasol.com'; 'jan.snyman123@gmail.com'; 'loubser.dekokk@za.saabgroup.com'; 'board@cornwallhillestate.co.za'; 'dutoith@telkomsa.net'; 'cbotes@investmech.com'; 'mheyms@investmech.com'; 'ewald1006@mweb.co.za'; 'ncmalan@gmail.com'; 'orasbo@gmail.com'; 'jankraaij@keymaxprop.co.za'; 'foxtrailers@mweb.co.za'; 'johanm@itse.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:25 AM
To: 'sandile.simelane@transnet.net'; 'enquiries@drt.gpg.gov.za';
'stephen.mosinki@gauten.gov.za'; 'manager@cornwallhill.co.za';
'l.kunneke@cornwall.co.za'; 'h.cohoe@cornwall.co.za'; 'smutshouse@iburst.co.za';
'ai@taurus.co.za'; 'LutzJ@TSHWANE.GOV.ZA'; 'accounts@ireneestate.co.za';
'judamo@webmail.co.za'; 'info@twinriversestate.co.za';
'rudolph.jansen@mtnloaded.co.za'; 'gemvillage@iburst.co.za';
'info@rmmanor.co.za'; 'rochelle@ippartners.co.za'; 'hsj@tiq.co.za';
'ireneglen@telkomsa.net'; 'rohan@mwg.co.za'; 'accounts@ireneestate.co.za';
'owners@rietvleiview.co.za'; 'rudolph.jansen@mtnloaded.co.za';
'elana@salbro.co.za'; 'barbara@sagewoodconsulting.co.za';
'sean.cullinan@telkomsa.net'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke

Bokamoso
Environmental Consultants &
Landscape Architects



0-800190000/021 559 5000
36 Tekebe Road - Ashlea Gardens - Pretoria

From: Bokamoso [<mailto:lizelleg@mweb.co.za>]

Sent: 22 October 2013 11:22 AM

To: james.ah.campbell@gmail.com; rrhowarth@gmail.com; tph@tph.co.za; Brian.Melville-Smith@barloworldmotor.com; chrisg@bibletruths.co.za; ccomrie@mhg.co.za; manager@cornwallhill.co.za; gill.udal@telkomsa.net; gorourke@chieftain.ie; MalulekeJ@dwa.gov.za; mwvspoel@mweb.co.za; RiaanM@tshwane.gov.za; kobus@dhkthinkspace.co.za; hiltb@telkomsa.net; dawie@gs2.co.za; FawkesMG@eskom.co.za; michelle.marais@angloamerican.com; dkoa@salbu.co.za; robert@multicat.co.za; trublet@global.co.za; carlomach@absamail.co.za; tomhannay.sa@gmail.com; semmelink@webmail.co.za; Mara.Temple@gpaa.gov.za; Nina.Strydom@up.ac.za; casperm@tshwane.gov.za; manda@soundandimage.co.za; roux@rouxprops.co.za; marese@rouxprops.co.za; bea@tph.co.za; nkoneigh@randwater.co.za; visserliz@mweb.co.za; raj@glencarol.co.za; edumeyer@iburst.co.za; Rschuster@barloworld-equipment.com; Magda.oosthuizen@seeff.com; Magdafick@yahoo.co.uk; estatemanager@irenefarmvillages.co.za; jaco.vdwesthuizen@me.com; wille6060@gmail.com; wildebeer@gmail.com

Subject: Olievenhoutbosch Road - Public Participation Process EIA

Dear Interested and/or Affected Party Member,

Please refer to the attached Public Notice & Landowner and Tenant Letter regarding the proposed Olievenhoutbosch Road Project.

Hope this finds you well.

Kind Regards/Vriendelike Groete

Juanita De Beer



Landscape Architects &
Environmental Consultants cc.

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375, Maroelana 0161

Please consider the environment before printing this email

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:24 AM
To: 'widdicom@mweb.co.za'; 'ellen@urbandynamics.co.za';
'heinrich@dastekpower.com'; 'info@ventura.co.za'; 'dminnaar@csir.co.za';
'geyerb@jnb.boehringer-ingenelheim.com'; 'sterkfonteinbrick3@telkomsa.net';
'brian.melville-smith@barloworldmotor.com'; 'visserliz@mweb.co.za';
'pieter@triviron.co.za'; 'ncmalan@gmail.com'; 'yvette.vanniekerk@treasury.gov.za';
'dutoith@telkomsa.net'; 'jan.snyman@sasol.com'; 'hardus.steyn@gmail.com';
'nonka@masterq.co.za'; 'schmidk@nra.co.za'; 'chrisbu@gpg.gov.za';
'contact.central@sars.gov.za'; 'Meryl.Pretorius@transnet.net';
'sandile.simelane@transnet.net'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:22 AM
To: 'mwcspoel@mweb.co.za'; 'mayet@kungwinimun.co.za'; 'kpea@polka.co.za';
'ireneglen@telkomsa.net'; 'munman@kungwinimun.co.za'; 'guy@raventp.co.za';
'riaanm@tshwane.gov.za'; 'b.j.v@mweb.co.za'; 'pat@salberg.co.za';
'alistair.cutts@gmail.com'; 'gem.village@telkomsa.net'; 'weyers@worldonline.co.za';
'loubser.dekokk@za.saabgroup.com'; 'ffouche@vodamail.co.za';
'napierc@mweb.co.za'; 'janett@yebo.co.za'; 'barry@thelife.co.za';
'chris@mediaventures.co.za'; 'jaz@midrand-estates.co.za';
'henning.schetshe@lantic.net'; 'lee-ann@enviroblasting.co.za';
'sean@centurus.co.za'; 'kempestate@polka.co.za'; 'sterkfonteinbrick3
@telkomsa.net'; 'ronnie.degabriele@corobrik.co.za'; 'piet.ackerman@holcim.com'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke


Environmental Consultants &
Landscape Architects
011 462 5000 / 011 462 5001 / 011 462 5002 / 011 462 5003 / 011 462 5004 / 011 462 5005 / 011 462 5006 / 011 462 5007 / 011 462 5008 / 011 462 5009
36 Lebamba Road (Ashley Gardens), Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:20 AM
To: 'maime.freda@gauteng.gov.za'; 'cornwallhill@absamail.co.za';
'irenemkt@mweb.co.za'; 'willem@csport.co.za'; 'qudlibet@mweb.co.za';
'mjansen@iburst.co.za'; 'letfly@yebo.co.za'; 'djalberts@mweb.co.za';
'barbara@sagewoodconsulting.co.za'; 'ffouche@vodamail.co.za';
'jan.snyman@sasol.com'; 'thinusp@tshwane.gov.za'; 'chantelles@tshwane.gov.za';
'npreston@denovobus.co.za'; 'dovhani.mudzielwana@gauteng.gov.za';
'rkokke@randwater.co.za'; 'info@i-traffic.co.za'; 'chrisbu@gpg.gov.za';
'bookings@belvedere.co.za'; 'pat@egsc.co.za'; 'intmktg@corobrik.co.za'; 'bondev1@mweb.co.za'; 'dicon@mweb.co.za'; 'intmktg@corobrik.co.za'; 'ben@acusolv.co.za';
'johnny@nfi.org.za'; 'wes@icon.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke


Environmental Consultants &
Landscape Architects
c: info@bokamoso.co.za t: 011 27117846/89101 f: 011 2711 570/5656
26 Lebona Road Ashlea Gardens, Pretoria

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:15 AM
To: 'salbu@email.com/dkoa'; 'pat@salberg.co.za'; 'alister.cutts@gmail.com'; 'gem.village@telkomsa.net'; 'bj.v@mweb.co.za'; 'guy@raventp.co.za'; 'Mayet@kungwinimun.co.za'; 'weyers@worldonline.co.za'; 'loubser.dekock@za.saabgroup.com'; 'ffouche@vodamail.co.za'; 'ireneglen@telkomsa.net'; 'yvette.vanniekerk@treasury.gov.za'; 'Jan.snyman@sasol.com'; 'jan.snyman123@gmail.com'; 'loubser.dekock@za.saabgroup.com'; 'board@cornwallhillestate.co.za'; 'dutoith@telkomsa.net'; 'mwcspoel@mweb.co.za'; 'fritz.boogertmanpta@pta.co.za'; 'ncmalan@gmail.com'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed ***Olievenhoutbosch Road from Main Road to K54*** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:14 AM
To: 'ivan@ippartners.co.za'; 'irenemkt@mweb.co.za'; 'deon@belvedere.co.za'; 'fritss@boogertmanpta.co.za'; 'eric@planpractice.co.za'; 'rudolph@law.co.za'; 'wim@mtdevelopment.co.za'; 'jerry@civilconcepts.co.za'; 'junaid@p-3.co.za'; 'jack@centurus.co.za'; 'jac.botha@route2.co.za'; 'LutzJ@TSHWANE.GOV.ZA'; 'lodiO@tshwane.gov.za'; 'wandab@tshwane.gov.za'; 'gheath@geoscience.org.za'; 'njanuary@jhb.sahra.org.za'; 'maphata.ramphele@gauteng.gov.za'; 'justicem@dwaf.gov.za'; 'keetm@dwaf.gov.za'; 'central@eskom.co.za'; 'paia@eskom.co.za'; 'schmidk@nra.co.za'; 'chrisbu@gpg.gov.za'; 'customerservice@randwater.co.za'; 'info@wessanorth.co.za'; 'deon@belvedere.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:12 AM
To: 'manager@cornwallhill.co.za'; 'l.kunneke@cornwall.co.za'; 'h.cohoe@cornwall.co.za'; 'dehning@mweb.co.za'; 'elana@salbro.co.za'; 'dkoa@salbu.co.za'; 'salbu@icon.co.za'; 'smutthouse@iburst.co.za'; 'ai@taurus.co.za'; 'LutzJ@TSHWANE.GOV.ZA'; 'accounts@ireneestate.co.za'; 'judamo@webmail.co.za'; 'info@twinriversestate.co.za'; 'rudolph.jansen@mtnloaded.co.za'; 'gemvillage@iburst.co.za'; 'info@rmmanor.co.za'; 'rochelle@ippartners.co.za'; 'hsj@tiq.co.za'; 'ireneglen@telkomsa.net'; 'rohan@mwg.co.za'; 'accounts@ireneestate.co.za'; 'owners@rietvleiview.co.za'; 'rudolph.jansen@mtnloaded.co.za'; 'elana@salbro.co.za'; 'barbara@sagewoodconsulting.co.za'; 'sean.cullinan@telkomsa.net'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 08 December 2011 02:50 PM
To: 'estatemanager@irenefarmvillages.co.za'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut
002/11-12/E0135)

To whom it may concern

Thank you for your correspondence regarding the proposed Olievenhoutbosch Road from Main Road to K54 project. Please note that you were registered as an Interested and/or Affected Party (I&APs) for the proposed project, and that we will inform you of any public meetings or draft reports that will be made available to all I&APs as soon as possible.

Please don't hesitate to contact our offices for any additional queries in this regard.

Kind regards,

George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 21 October 2011 11:25 AM
To: 'rrhowarth@gmail.com'
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: George Gericke
Sent: 12 January 2012 11:26 AM
To: Thabang Hlongwane
Subject: FW: Olievenhoutbosch Road from Main Road to K54.

From: Ontvangs
Sent: 05 January 2012 08:54 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54.

Elsa Viviers
Namens/on behalf of
Lizelle Gregory

Bokamoso



Environmental Consultants &
Landscape Architects

T: +27(12) 346 3810 | F: 27 86 570 5659 | C: 083 255 8384
e:lizelleg@mweb.co.za | 36 Lebombo Road Ashlea Gardens, PTA

From: At van Niekerk [<mailto:estatemanager@irenefarmvillages.co.za>]
Sent: 03 January 2012 04:20 PM
To: 'Lizelle Gregory'
Subject: RE: Olievenhoutbosch Road from Main Road to K54.

Geagte Dame,

Ek volg net op m.b.t. enige verdere verwickelinge in die aangeleentheid.

Groete.

At van Niekerk
Estate Manager / Landgoedbestuurder
Irene Farm Villages HOA/HEV

Tel: 012-662-3505 (Reception)
Tel: 012-662-5601 (Direct)
Fax: 012-662-5602;
Mobile: 079 525 9281
www.irenefarmvillages.co.za

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: Wednesday, October 19, 2011 7:56 AM

To: estatemanager@irenefarmvillages.co.za

Subject: Olievenhoutbosch Road from Main Road to K54.

More Mnr. van Niekerk

Vind aangeheg die publieke kennisgewing vir die beplande deel van die Olievenhoutbosch pad soos laas week met jou bespreek. Weereens dankie vir die moeite om die kennisgewings in die Irene Farm Estate te versprei.

Vriendelike groete

George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 18 October 2011 09:09 AM
To: 'mwcspoel@mweb.co.za'; 'wandab@tshwane.gov.za'; 'gheath@geoscience.org.za'; 'njanuary@jhb.sahra.org.za'; 'maphata.ramphele@gauteng.gov.za'; 'justicem@dwaf.gov.za'; 'keetm@dwaf.gov.za'; 'central@eskom.co.za'; 'paia@eskom.co.za'; 'schmidk@nra.co.za'; 'chrisbu@gpg.gov.za'; 'customerservice@randwater.co.za'; 'info@wessanorth.co.za'; 'salbu@icon.co.za'; 'salbu@email.com'; 'dehning@mweb.co.za'
Subject: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

To whom it may concern

Please refer to the attached public notice for the proposed ***Olievenhoutbosch Road from Main Road to K54*** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke

Bokamoso
Environmental Consultants &
Landscape Architects

011 863 6000 / 011 863 6001 / 011 863 6002 / 011 863 6003 / 011 863 6004 / 011 863 6005
36 Tshosha Road Ashlea Gardens, Pretoria



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 22 November 2011 01:10 PM
To: 'james.ah.cambell@gmail.com'; 'visserliz@mweb.co.za'; 'raj@glencarol.co.za'; 'mwcspoel@mweb.co.za'; 'edumeyer@iburst.co.za'; 'Rschuster@barloworld-equipment.com'
Subject: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

To whom it may concern

Thank you for your correspondence regarding the proposed Olievenhoutbosch Road from Main Road to K54 project. Please note that you were registered as an Interested and/or Affected Party (I&APs) for the proposed project, and that we will inform you of any public meetings or draft reports that will be made available to all I&APs as soon as possible.

Please don't hesitate to contact our offices for any additional queries in this regard.

Kind regards,

George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 19 October 2011 07:56 AM
To: 'estatemanager@irenefarmvillages.co.za'
Subject: Olievenhoutbosch Road from Main Road to K54.
Attachments: Public Notice Olievenhoutbosch.pdf

More Mnr. van Niekerk

Vind aangeheg die publieke kennisgewing vir die beplande deel van die Olievenhoutbosch pad soos laas week met jou bespreek. Weereens dankie vir die moeite om die kennisgewings in die Irene Farm Estate te versprei.

Vriendelike groete

George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 22 November 2011 01:41 PM
To: 'Magda.oosthuizen@seeff.com'
Subject: RE: Electricity concerns

Hi Magda

I was under the impression that I already replied to your email, but I can't seem to find record of it on my side. As far as I know the contractors are suppose warn you in advance if any power cuts are going to be made. We are the environmental consultants on the proposed Olievenhoutbosch Road Project and unfortunately I cannot speak on behalf of the involved contractors.

We did place you on our list of Interested and/or Affected Parties for the proposed Olievenhoutbosch Road from Main Road to K54 project. We will inform you of any public meetings or draft reports that will be made available to all I&APs as soon as possible.

Please don't hesitate to contact our offices for any additional queries in this regard.

Kind regards,

George Gericke



From: Magda Oosthuizen [<mailto:Magda.oosthuizen@seeff.com>]
Sent: 20 September 2011 10:35 AM
To: lizelleg@mweb.co.za
Subject: Electricity

Dear Lizelle

Do you notify residence of impending electricity switch off for work in Alexandra Road, we live at no 21 and I take care of my frail parents. The untimely switch off's really put me in a spot as I have machine running to assist the nurses with their care. If I know when the electricity is off I can plan their care giving around that.

Please, I would really appreciate it very much.

Magda F Oosthuizen
Cell no: 0824117637

Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 08 December 2011 02:56 PM
To: 'edumeyer@iburst.co.za'
Subject: RE: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

Middag Eddie

Jy kan intussen direk met M&T Development skakel. Verder he tons nog nie meer inligting beskikbaar nie. Dit is egter baie belangrik dat jy betrokke bly by die prosesse, en as moontlik die vergadering vir die voorgestelde K105 pad vroeg volgende jaar kan bywoon. Ek is seker jou vrae sal op hierdie vergadering beantwoord kan word.

Jammer ek kon nie meer van hulp wees op hierdie stadium nie.

Groete,

George Gericke



From: Edu & Edna Meyer [<mailto:edumeyer@iburst.co.za>]
Sent: 29 November 2011 04:36 PM
To: 'Lizelle Gregory'
Subject: RE: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

Hallo!

Dankie vir die inligting en toekomstige uitnodigings.

Intussen moet ons vooruit beplan: Gaan ons huis platgeslaan word? (moontlik vir n ander aksie) Want ons wil in die nabye toekoms verkoop en na n aftree-oord naby Rustenburg verhuis. Wie kan help, want ek het gewonder of n instansie n "grondeis" teen ons het ?

Groetnis, Eddie Meyer

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: Tuesday, November 22, 2011 1:10 PM
To: james.ah.cambell@gmail.com; visserliz@mweb.co.za; raj@glencarol.co.za; mwespoel@mweb.co.za; edumeyer@iburst.co.za; Rschuster@barloworld-equipment.com
Subject: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

To whom it may concern

Thank you for your correspondence regarding the proposed Olievenhoutbosch Road from Main Road to K54 project. Please note that you were registered as an Interested and/or Affected Party (I&APs) for the proposed project, and that we will inform you of any public meetings or draft reports that will be made available to all I&APs as soon as possible.

Please don't hesitate to contact our offices for any additional queries in this regard.

Kind regards,

George Gericke



Juanita

From: Lizelle Gregory <lizelleg@mweb.co.za>
Sent: 30 January 2012 10:59 AM
To: 'Brian.melvill-Smith@barloworldmotor.com'
Subject: RE: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Dear Brian and Jenny,

Thank you for the previous email in connection of the K56 project.

You are now registered as an Interested and Affected Party. The following people were registered under your name:

Rebecca Judith Richards

We will keep you updated in the process.

Have a wonderful day!

Kind Regards

Juanita De beer

**Environmental Consultants &
Landscape Architects**

Bokamoso
P.O. Box 1000, 2010, Johannesburg
Tel: +27 11 213 46 20/21/22 - 27 86 470 56/58
128 Tebamba Road Ashlea Gardens, Pretoria



From: Brian Melvill-Smith [<mailto:Brian.Melvill-Smith@barloworldmotor.com>]
Sent: 29 January 2012 05:15 PM
To: lizelleg@mweb.co.za
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Good afternoon George / Lizelle

Can you please confirm our registration as interested and affected parties?

Kind regards

Brian & Jenny Melvill-Smith

☎: (w) 011 552-9344 (h) 012 667-2379 📠: (c) 083 645-1504

☎: 086 533-7801

✉: Brian.Melvill-Smith@BarloworldMotor.com

🌐: www.MyWheels.co.za

🌐: www.BuyMyCar.co.za



Before printing this e-mail please think about our Earth

From: Brian Melvill-Smith

Sent: 21 October 2011 05:19

To: lizelleg@mwweb.co.za

Subject: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Good morning George / Lizelle

Please register us as an interested and affected party with regard to this development.

Please confirm the registration

Kind regards

Brian & Jenny Melvill-Smith

37 Alexandra Road, Irene, Centurion, 0157

☎: 011 552-9344 (w) 012 667-2379 (h) 📠: 083 645-1504 (c)

☎: 086 533-7801 (f-email)

✉: Brian.Melvill-Smith@BarloworldMotor.com

🌐: www.MyWheels.co.za

🌐: www.BuyMyCar.co.za



Please consider the environment before printing this e-mail

<http://www.mywheels.co.za/>

<http://www.buymycar.co.za/>

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Juanita

From: Ontvangs
Sent: 18 October 2011 10:12 AM
To: Mientjie Coetzee; Stephan Barkhuizen; Thabang Hlongwane; Karlien Van Zyl
Cc: Marike Franklin; Genevieve Tredoux; George Gericke; Ruth Bielfeld; Niel Brink
Subject: FW: Automatic reply: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Untitled attachment 00168.txt

From: Wim Lotz [<mailto:wim@mtdevelopment.co.za>]
Sent: 18 October 2011 09:25 AM
To: Lizelle Gregory
Subject: Automatic reply: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Please note that I am no longer in the service of M&T Development.

For any M&T related matters please contact Mr. Cobus Cronje at cobus@mtdevelopment.co.za or for personal matters feel free to contact me on lotz.wim@gmail.com or alternatively on 076 790 4006.

Regards,

Wim Lotz

Juanita

From: Ontvangs
Sent: 19 October 2011 12:05 PM
To: George Gericke
Subject: FW: DKOA: Bokamoso Notice - Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: image001.gif; Untitled attachment 00144.htm; Public Notice Olievenhoutbosch.pdf; Untitled attachment 00147.htm

From: DKOA_LIST [<mailto:dkoa@salbu.co.za>]
Sent: 19 October 2011 11:55 AM
To: DKOA_LIST (LONG)
Cc: Lizelle Gregory
Subject: DKOA: Bokamoso Notice - Olievenhoutbosch Road from Main Road to K54 - Public Notice

Greetings,

Bokamoso Notice - Olievenhoutbosch Road from Main Road to K54 - Public Notice
NOTICE OF ENVIRONMENTAL SCOPING PROCESS
GAUTENG REF NO: Gaut 002/11-12/E0135

We asked that the Doornkloof Owners Association (DKOA) be registered as an Interested and Affected Party (I&AP).

Please see Bokamoso notice below.

For more information contact:

George Gericke Telephone: 012-346-3810
Bokamoso Landscape Architects and Environmental Consultants

Kind regards,

David Larsen - Salbu

Secretary: Doornkloof Owners Association (DKOA)
For more information see URL: <http://www.salbu.co.za/dkoa>

**PLEASE PASS THIS MESSAGE ON TO THREE NEIGHBOURS
AND ASK THEM TO DO THE SAME**

On 18 Oct 2011, at 09:08, Lizelle Gregory wrote:

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke

Juanita

From: Ontvangs
Sent: 24 October 2011 08:21 AM
To: George Gericke; George Gericke
Subject: FW: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Ross Howarth [<mailto:rrhowarth@gmail.com>]
Sent: 24 October 2011 08:12 AM
To: lizelleg@mweb.co.za
Subject: Re: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

George or Genevieve,

Would you please send me more specific information regarding how the proposed road will connect with Main Rd and if any existing Irene properties are being effected.

I have tried checking www.bokamoso.net for more information but the site is unavailable.

Regards,
Ross Howarth,
68 Main Rd, Irene.

-----Original Message-----

From: [Lizelle Gregory](mailto:lizelleg@mweb.co.za)
Date: 21/10/11 11:25:17 AM
To: rrhowarth@gmail.com
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch**



Road from Main Road to K54 project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards

George Gericke



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Juanita

From: Ontvangs
Sent: 19 October 2011 08:27 AM
To: George Gericke
Subject: FW: ILA Notice: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Importance: High

-----Original Message-----

From: Chris Grobler [<mailto:chrisg@bibletruths.co.za>]
Sent: 18 October 2011 05:25 PM
To: lizelleg@mweb.co.za
Subject: FW: ILA Notice: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Importance: High

Good Day George / Lezelle

I just want to confirm that I am on the list as an interested and affected party.

Regards
Chris Grobler
(083) 415-7549

-----Original Message-----

From: marketing@irene.co.za [<mailto:marketing@irene.co.za>]
Sent: Tuesday, October 18, 2011 3:26 PM
To: marketing@irene.co.za
Subject: ILA Notice: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Dear Resident

Please note that Bokamoso Environmental has sent the following information to those registered as interested and affected parties with regards to the proposed construction of the K105.

In order to ensure that you are identified as an Interested and/or Affected Party (I&AP) please submit your name, contact information and interest in the matter, in writing, to George Gericke at lizelleg@mweb.co.za within 40 days of publication of this advertisement. To view the map, please log onto www.irene.co.za - ILA Matters - Town Planning - attachments.

NOTICE OF ENVIRONMENTAL SCOPING PROCESS: Olievenhoutbosch Road from Main Road to K54

Notice is given of an application for Environmental Authorisation that was submitted to the Gauteng Department of Agriculture and Rural Development, in terms of Regulation No. R543 published in the Government Notice No. 33306 of 18 June 2010 of the National Environment Management Act, 1998 (Act No. 107 of 1998) governing Environmental Scoping Procedures (Listing Notice: 1, 2 and 3 – Governing Notice R5.44, R.545 & R.546) for the following activity:

Project Name: Olievenhoutbosch Road from Main Road to K54.

Reference Number: Gaut 002/11-12/E0135

Property Description: Portion 1, Portion 188 and the Remainder of Portion 330; Portion 335 and Portion 5 of the Farm Doornkloof 391-JR; the Road reserve of Nellmapius Drive/M31 and the Road servitude of the R21.

Proposed Zoning Information: The current zoning is "Agriculture" Extend of Development: The proposed road is approximately 4, 67785 km in extent.

Proponent Name: JR 209 Investments (Pty) Ltd trading as M&T Development.

Location: The proposed road will connect Main Road with the K54. The proposed Olievenhoutbosch Road is located south of the N1 Highway, west of the K54, east of Main Road and to the north of Cornwall Hill.

Date of Notice: 18 October 2011

Queries regarding this matter should be referred to:

Bokamoso Landscape Architects and Environmental Consultants George Gericke/Genevieve Tredoux Tel: (012)

346 3810 P.O. Box 11375

Fax: (086) 570 5659 Maroelana 0161

E-mail: lizelleg@mweb.co.za

www.bokamoso.net

Juanita

From: Ontvangs
Sent: 26 October 2011 09:37 AM
To: George Gericke
Subject: FW: Moo Zoo

From: Lizette Visser [<mailto:visserliz@mweb.co.za>]
Sent: 26 October 2011 09:18 AM
To: Lizelle Gregory
Subject: Moo Zoo

I hereby register as an affected party with regard to the proposed construction of the K105 and the Olievenhoutbosch Road from Main Road to K54.

Regards
Lizette Visser
Moo Zoo Pre-Primary School
7 Alexandra Road
IRENE 0062
Cell: +27834002804
Ph: +27126672638
Fax: +27126672849
e-mail: visserliz@mweb.co.za

Juanita

From: Ontvangs
Sent: 09 November 2011 11:09 AM
To: George Gericke
Subject: FW: NOTICE OF ENVIRONMENTAL SCOPING PROCESS: Olievenhoutbosch Road from Main Road to K54

From: Richard Schuster [<mailto:RSchuster@barloworld-equipment.com>]
Sent: 09 November 2011 11:03 AM
To: lizelleq@mweb.co.za
Cc: Alyson Lea-Cox; ILA Deon v Onselen
Subject: NOTICE OF ENVIRONMENTAL SCOPING PROCESS: Olievenhoutbosch Road from Main Road to K54

Could you please register my wife and myself as interested parties.

Our interest is that we both live in Irene and my wife has a business in Irene.

Our address is 29 Queen Street.

Regards

Richard Schuster
+27 83 625 6136 (c)
+27 11 898 0000 (w)
+27 12 667 1429 (h)

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Juanita

From: Ontvangs
Sent: 20 October 2011 08:18 AM
To: George Gericke
Subject: FW: Olievenhoutbosch road

From: Carlo Machine' [<mailto:carlomach@absamail.co.za>]
Sent: 19 October 2011 07:34 PM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch road

Good day

Please add me as an interested party on the Olievenhoutbosch road development project.

Carlo Machine'
350 Downderry Way
Cornwall Hill Estate
0825211115
carlomach@absamail.co.za

Many thanks

Carlo

Juanita

From: Ontvangs
Sent: 20 October 2011 09:56 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road (Gaut 002/11-12/E0135)

-----Original Message-----

From: Sonya Semmelink [<mailto:semmelink@webmail.co.za>]
Sent: 20 October 2011 09:03 AM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch Road (Gaut 002/11-12/E0135)

Good morning,

Can you please add me to the list of I&AP's on the abovementioned project?

Regards
Sonya Semmelink
(Owner - Cornwall Hill)

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Juanita

From: Ontvangs
Sent: 20 October 2011 08:05 AM
To: George Gericke
Subject: FW: Olievenhoutbosch road development interested party

From: Robert Hartman [<mailto:robert@multicat.co.za>]
Sent: 20 October 2011 07:48 AM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch road development interested party

To: George Gericke

I am a resident of Cornwall Hill estate and would like to register as interested party in the Olievenhoutbosch road development.

Regards

Robert Hartman

*Managing Director
Multicat (PTY) Ltd*



Tel: +27 12 663 4660
Fax: +27 12 663 5777
Cell: +27 83 414 4197
robert@multicat.co.za
www.multicat.co.za

Juanita

From: Ontvangs
Sent: 31 May 2010 08:11 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road: Eco Park

From: Maluleke Justice [<mailto:Maluleke.J@dwa.gov.za>]
Sent: 30 May 2010 10:10 PM
To: Lizelle Gregory
Cc: Nemalili Christopher
Subject: RE: Olievenhoutbosch Road: Eco Park

Dear Lizelle

Please send us a copy of the ROD.

Wisani Justice Maluleke
Department of Water Affairs
Crocodile/ Marico Water Management Area
Tel: 012 392 1409
Cell: 082 804 9817
Fax: 012 392 1486
e-mail: teo@dwaf.gov.za

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 25 May 2010 11:28 AM
To: gheath@geoscience.org.za; njanuary@jhb.sahra.org.za; Maluleke Justice; wandab@tshwane.gov.za; schmidk@nra.co.za; central@eskom.co.za; envhelp@eskom.co.za; paia@eskom.co.za; rodney.rae@exordia.co.za; dehning@mweb.co.za; sbuchner@csir.co.za; dwetp123@gmail.com; judy@isc.co.za; fritzw@mweb.co.za; mojalefa@lermon.co.za; florisp@arial.com.au; nelisp@absa.co.za; claire.murfin@bcx.co.za; roetsfamily@yahoo.com; nicod@wbsa.co.za; johann.knoetze@t-systems.co.za; sarelqous@yahoo.com; chrisv@martinique.co.za; crystal.rest@gmail.com; pretor@pretor.co.za; braam.venter@advansys.co.za; noleen.rensburg@omd.co.za; corneliusdl@yahoo.com; peter@manage.co.za; lyr@jdg.co.za; CatyW@pretor.co.za
Subject: Olievenhoutbosch Road: Eco Park

To whom it may concern

Please refer to the attached Notice of Conditional Environmental Authorization for the proposed *Olievenhoutbosch Road: Eco Park* project. Please don't hesitate to contact our offices for additional information. Also note that a copy of the ROD is available on request.

Kind Regards

George Gericke

Bokamoso Landscape Architects and Environmental Consultants

Tel: (012) 346 3810

Fax: 086 570 5659



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_____ Information from ESET NOD32 Antivirus, version of virus signature database 4940
(20100312) _____

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<http://www.eset.com>

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_____ Information from ESET NOD32 Antivirus, version of virus signature database 4940
(20100312) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

Juanita

From: Ontvangs
Sent: 26 May 2010 08:25 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road: Eco Park

From: Lyn Irving [<mailto:lyr@jdg.co.za>]
Sent: 25 May 2010 05:04 PM
To: Lizelle Gregory
Subject: RE: Olievenhoutbosch Road: Eco Park

Thank you

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 25 May 2010 11:28
To: gheath@geoscience.org.za; njanuary@jhb.sahra.org.za; justicem@dwaf.gov.za; wandab@tshwane.gov.za; schmidk@nra.co.za; central@eskom.co.za; envhelp@eskom.co.za; paia@eskom.co.za; rodney.rae@exordia.co.za; dehning@mweb.co.za; sbuchner@csir.co.za; dwetp123@gmail.com; judy@isc.co.za; fritzw@mweb.co.za; mojalefa@lermon.co.za; florisp@arial.com.au; nelisp@absa.co.za; claire.murfin@bcx.co.za; roetsfamily@yahoo.com; nicod@wbsa.co.za; johann.knoetze@t-systems.co.za; sarelgous@yahoo.com; chrisv@martinique.co.za; crystal.rest@gmail.com; pretor@pretor.co.za; braam.venter@advansys.co.za; noleen.rensburg@omd.co.za; corneliusdl@yahoo.com; peter@manage.co.za; Lyn Irving; CatyW@pretor.co.za
Subject: Olievenhoutbosch Road: Eco Park

To whom it may concern

Please refer to the attached Notice of Conditional Environmental Authorization for the proposed **Olievenhoutbosch Road: Eco Park** project. Please don't hesitate to contact our offices for additional information. Also note that a copy of the ROD is available on request.

Kind Regards

George Gericke

Bokamoso Landscape Architects and Environmental Consultants

Tel: (012) 346 3810

Fax: 086 570 5659



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Information from ESET NOD32 Antivirus, version of virus signature database 4940
(20100312)

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

Juanita

From: Ontvangs
Sent: 07 June 2010 08:25 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road: Eco Park
Attachments: Conditional ROD Notice Oliv Road.doc

From: Henry Janse van Rensburg [<mailto:HenryJ@pretor.co.za>]
Sent: 25 May 2010 12:27 PM
To: lizelleg@mweb.co.za
Subject: FW: Olievenhoutbosch Road: Eco Park

Dear Lizelle,

Could you please provide me with more information with regards to the attached notice. Where exactly will the road be running and what impact will the road have on Eco Park Home Owners Association.

Yours faithfully,

Henry Janse van Rensburg
Portfolio Manager

Tel: 012 483 2333
Fax: 012 483 2390
Direct Fax: 086 567 2501
Web: www.pretor.co.za



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From: Louise Smith
Sent: 25 May 2010 11:35
To: Henry Janse van Rensburg
Subject: FW: Olievenhoutbosch Road: Eco Park

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 25 May 2010 11:28 AM
To: gheath@geoscience.org.za; njanuary@jhb.sahra.org.za; justicem@dwaf.gov.za; wandab@tshwane.gov.za; schmidk@nra.co.za; central@eskom.co.za; envhelp@eskom.co.za; paia@eskom.co.za; rodney.rae@exordia.co.za; dehning@mweb.co.za; sbuchner@csir.co.za;

dwetp123@gmail.com; judy@isc.co.za; fritzw@mweb.co.za; mojalefa@lermon.co.za; florib@arial.com.au; nelis@absa.co.za; claire.murfin@bcx.co.za; roetsfamily@yahoo.com; nicod@wbsa.co.za; johann.knoetze@t-systems.co.za; sarelgous@yahoo.com; chrisv@martinique.co.za; crystal.rest@gmail.com; Louise Smith; braam.venter@advansys.co.za; noleen.rensburg@omd.co.za; corneliusdl@yahoo.com; peter@manage.co.za; lyr@jdq.co.za; CatyW@pretor.co.za

Subject: Olievenhoutbosch Road: Eco Park

To whom it may concern

Please refer to the attached Notice of Conditional Environmental Authorization for the proposed **Olievenhoutbosch Road: Eco Park** project. Please don't hesitate to contact our offices for additional information. Also note that a copy of the ROD is available on request.

Kind Regards

George Gericke

Bokamoso Landscape Architects and Environmental Consultants

Tel: (012) 346 3810

Fax: 086 570 5659



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(20100312)

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Juanita

From: Ontvangs
Sent: 21 October 2011 08:09 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Brian Melvill-Smith [<mailto:Brian.Melvill-Smith@barloworldmotor.com>]
Sent: 21 October 2011 05:19 AM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Good morning George / Lizelle

Please register us as an interested and affected party with regard to this development.

Please confirm the registration

Kind regards

Brian & Jenny Melvill-Smith

37 Alexandra Road, Irene, Centurion, 0157

☎: 011 552-9344 (w) 012 667-2379 (h) 📠 : 083 645-1504 (c)

✉ : 086 533-7801 (f-email)

📧: Brian.Melvill-Smith@BarloworldMotor.com

🌐: www.MyWheels.co.za

🌐: www.BuyMyCar.co.za

 Please consider the environment before printing this e-mail

<http://www.mywheels.co.za/>

<http://www.buymycar.co.za/>

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All other provisions of the Electronic Communications and Transactions Act, 25 of 2002 are accepted.

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Juanita

From: Ontvangs
Sent: 20 October 2011 08:27 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Tom Hannay [<mailto:tomhannay.sa@gmail.com>]
Sent: 19 October 2011 06:12 PM
To: 'Lizelle Gregory'
Cc: Alyson Lea-Cox
Subject: RE: Olievenhoutbosch Road from Main Road to K54 - Public Notice


Lizelle,

I reside at 15 Alexandra Road, Irene and I have, on a number of occasions, voiced some concerns I have with the road works close to my home. Basically, there are two minor problems which do affect me severely, but to which I have simple solutions. I have referred these concerns to Alyson of the ILA, who I know has referred them on to the correct person, but to date NOTHING has been done to even contact me re these concerns.

I would be grateful therefore if you could refer this note to whoever or let me know who to contact directly.

Best regards,

Tom Hannay

 083-447-9442

 012 667-4520

 086-541-7220

 tomhannay.sa@gmail.com

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 18 October 2011 09:30 AM
To: jac.botha@route2.co.za; jaco.deVries@aucongroupp.com; avross@netactive.co.za; calitz.rehann@iburst.co.za; sackesp5@mweb.co.za; marketing@irene.co.za; francesf@pro-pharm.co.za; bula@yebo.co.za; FawkesMG@eskom.co.za; thewills@mweb.co.za; james.ah.cambell@gmail.com; neil.fiorentinos@bmw.de; schalk@burger.nom.za; andrew@BKS.co.za; dewet.herselman@exxaro.com; tomhannay.sa@gmail.com; martin@ceradvance.co.za; lizanne@bestclothing.co.za; idward@netactive.co.za; woudstra@law.co.za; fvt@fvt.co.za; jonathan.greengrass@sita.co.za; ianmac@qafrika.com; Huw@oreport-international.com.sg; sharon.pen@telkomsa.net; trumpc@wol.co.za; creitz@alignafrica.com; LanceSmith@avis.co.za; tim.donkin@gmail.com; jonathan.greengrass@sita.co.za; MFoxMartin@foxprojects.co.za; di@doctech.co.za; velerie.vanstaden@gmail.com; Brian.melvill-Smith@barlowworldmotor.com; patjay@axxess.co.za; jaco@sylvania.co.za; barbara@02smart.com; keith.kent@lafarge-za.lafarqe.com; franceson@uis-as.co.za; miles.saxby@za.sabmiller.com; tph@tph.co.za; cesarem@benzuresources.com; tulip@cyberserv.co.za; thewills@mweb.co.za; avross@netactive.co.za
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Ontvangs
Sent: 19 October 2011 10:33 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Cornwall Hill Estate [<mailto:manager@cornwallhill.co.za>]
Sent: 19 October 2011 10:17 AM
To: Lizelle Gregory
Subject: Re: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Lizelle

Plaas asb my naam op die lys van "interested parties" vir die Olievenhoutbosch Pad.

My besonderhede is soos volg:

Dirk Heyns
manager@cornwallhill.co.za
Tel (012) 667 2938.

Ek doen aansoek as bestuurder van Cornwall Hill Estate.

El sal al die Cornwall Hill inwoners laat weet sodat hulle kan registreer as hulle wil.

Dirk Heyns

----- Original Message -----

From: [Lizelle Gregory](mailto:Lizelle.Gregory)
To: manager@cornwallhill.co.za ; l.kunneke@cornwall.co.za ; h.cohoe@cornwall.co.za ; dehning@mweb.co.za ; elana@salbro.co.za ; dkoa@salbu.co.za ; salbu@icon.co.za ; smutshouse@iburst.co.za ; ai@taurus.co.za ; LutzJ@TSHWANE.GOV.ZA ; accounts@ireneestate.co.za ; judamo@webmail.co.za ; info@twinriversestate.co.za ; rudolph.jansen@mtnloaded.co.za ; gemvillage@iburst.co.za ; info@rmmanor.co.za ; rochelle@ippartners.co.za ; hsj@tiq.co.za ; ireneglen@telkomsa.net ; rohan@mwg.co.za ; accounts@ireneestate.co.za ; owners@rietvleiview.co.za ; rudolph.jansen@mtnloaded.co.za ; elana@salbro.co.za ; barbara@sagewoodconsulting.co.za ; sean.cullinan@telkomsa.net ; ivan@ippartners.co.za ; irenemkt@mweb.co.za ; deon@belvedere.co.za ; fritss@boogertmanpta.co.za ; eric@planpractice.co.za ; rudolph@law.co.za ; jerry@civilconcepts.co.za ; junaid@p-3.co.za ; jack@centurus.co.za
Sent: Tuesday, October 18, 2011 9:27 AM
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards



Bokamoso
Environmental Consultants &
Landscape Architects

01 861 8000 / 082 946 3910 / 021 86 570 50 59
36 Lebanza Road Ashken Garden, Pretoria

The logo features the word "Bokamoso" in a stylized, cursive font. To the right of the text is a square graphic containing a detailed, textured illustration of a tree or plant. Below the main text, contact information is provided in a smaller font, including a website URL and three phone numbers. The address is also listed at the bottom.

Juanita

From: Ontvangs
Sent: 19 October 2011 08:25 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Christa Spoelstra [<mailto:mwcspoel@mweb.co.za>]
Sent: 18 October 2011 04:34 PM
To: Lizelle Gregory
Subject: Re: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Please register me as well
Thank you
Cllr/Rld Christa Spoelstra
Ward/Wyk 65
Tshwane Metro
082 880 5300

From: "Lizelleg@mweb.co.za" <Lizelleg@mweb.co.za>
Date: Tue, 18 Oct 2011 09:22:13 +0200
To: Christa Spoelstra <mwcspoel@mweb.co.za>, <mayet@kungwinimun.co.za>, <kpea@polka.co.za>, <ireneglen@telkomsa.net>, 'Secretary of Municipal Manager' <munman@kungwinimun.co.za>, <guy@raventp.co.za>, <riaanm@tshwane.gov.za>, <b.j.v@mweb.co.za>, <pat@salberg.co.za>, <alistair.cutts@gmail.com>, <gem.village@telkomsa.net>, <weyers@worldonline.co.za>, <loubser.dekock@za.saabgroup.com>, <ffouche@vodamail.co.za>, Clive Napier <napierc@mweb.co.za>, <janett@vebo.co.za>, <barry@thelife.co.za>, <chris@mediaventures.co.za>, <jaz@midrand-estates.co.za>, <henning.schetshe@lantic.net>, <lee-ann@enviroblasting.co.za>, <sean@centurus.co.za>, <kempestate@polka.co.za>, <sterkfonteinbrick3@telkomsa.net>, <ronnie.degabriele@corobrik.co.za>, <piet.ackerman@holcim.com>
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke

Bokamoso



Environmental Consultants &

Landscape Architects

**011 551 5000 • 011 551 5001 • 011 551 5002
36 Lelembu Road Ashlea Gardens, Pretoria**

Juanita

From: Ontvangs
Sent: 18 October 2011 11:47 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Riaan Marais [<mailto:RiaanM@TSHWANE.GOV.ZA>]
Sent: 18 October 2011 11:37 AM
To: Lizelle Gregory
Subject: RE: Olievenhoutbosch Road from Main Road to K54 - Public Notice

I need to register Rietvlei Nature Reserve and the City of Tshwane as Interested and/or Affected Party (I&AP).

Riaan Marais
Functional Head: Rietvlei Nature Reserve



Main Gate | Rietvlei Nature Reserve | Pretoria | PO Box 1454 | Pretoria | 0001 |
www.tshwane.gov.za

Tel: 012 358 1810 | Cell: 082 925 5138 | Fax: 086 215 0499 | Email: riaanm@tshwane.gov.za

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 18 October 2011 09:22 AM
To: mwespoel@mweb.co.za; mayet@kungwinimun.co.za; kpea@polka.co.za; ireneglen@telkomsa.net; munman@kungwinimun.co.za; guy@raventp.co.za; Riaan Marais; b.j.v@mweb.co.za; pat@salberg.co.za; alistair.cutts@gmail.com; gem.village@telkomsa.net; weyers@worldonline.co.za; loubser.dekokk@za.saabgroup.com; ffouche@vodamail.co.za; napierc@mweb.co.za; janett@yebo.co.za; barry@thelife.co.za; chris@mediaventures.co.za; jaz@midrand-estates.co.za; henning.schetshe@lantic.net; lee-ann@enviroblasting.co.za; sean@centurus.co.za; kempestate@polka.co.za; sterkfonteinbrick3@telkomsa.net; ronnie.degabriele@corobrik.co.za; piet.ackerman@holcim.com
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

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Kind regards
George Gericke

Bokamoso



Environmental Consultants &

Landscape Architects

011 470 56 59
011 470 56 59
36 Lechamba Road Ashlea Garden, Pretoria

http://www.tshwane.gov.za/Pages/Email_disclaimer.aspx

Juanita

From: Ontvangs
Sent: 18 October 2011 10:25 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Christa Spoelstra [<mailto:mwcspoe1@mweb.co.za>]
Sent: 18 October 2011 09:53 AM
To: Denis.Emett@gauteng.gov.za
Cc: Lizelleg@mweb.co.za
Subject: Re: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Dear Denis

The residents in Irene are very concerned about the process regarding the planning of the K105 and the bridge over the railway line at Botha/ Olievenhoutbosch.
Can you please indicate when will you be available for a meeting between the ILA, Bokamosa, M&T and Tshwane. I think it is imperative that the different parties meet to be transparent to the residents. I receive e-mails almost everyday concerning the issue. Please let me know of your availability and let me know if there are any maps available at the moment and if there is a map please e-mail it to me?

Beste regards

Cllr/ Rld Christa Spoelstra
Ward/Wyk 65
Tshwane Metro
082 880 5300



City Of Tshwane Tel no Info:

Waste management complaints : 012 358 0577/9
Domestic bin complaints: East:012 358 0526 Moot:012 358 6462
North'West:012 358 0554 , South/: 012 358 1317
By-law offences (for example, illegal street trading and illegal night club activities):
012 358 0070 (external) Or toll-free 080 111 1556
Electricity-related complaints 012 358 9999 Or toll free: 080 111 1556
Tshwane Bus Services 012 358 0214/0443/0231
After-hours sewerage complaints: 080 000 4135
Stormwater drainage, pothole repairs 012 358 0614, pothole@tshwane.gov.za
Reporting of water problems 012 358 2111, Proes Street Depot:012 327 0147
Power failures: 012 339 9111
Meter readings :Email to meterrecords@tshwane.gov.za , Fax to 012 359 6888, five days before billing date only. , Telephone to 012 358 9999: choose option 2 and then option 4
Power failure reporting by SMS: sms "Power and your acc no." to 0826120333 example: "power 5120369" to 0826120333
Bins not lifted / emptied: 012 358 9461 or mail to: andreb@tshwane.gov.za / 012 358 0592
FIRE & EMERGENCY MEDICAL – 10177 , 012 358 2124 , 012 310 6200
Metro Police Accidents Reports 358-7244 / 358-7114
Traffic Fines Info: 358-7154 / 7157 / 7088 / 7089
Reporting faulty street lights Tel 080 1111 556, 012 358 9999 or 012 358 2540/1 streetlights@tshwane.gov.za
Complaints and enquiries customercare@tshwane.gov.za

From: "Lizelleg@mweb.co.za" <Lizelleg@mweb.co.za>

Date: Tue, 18 Oct 2011 09:08:36 +0200

To: Christa Spoelstra <mwcspoel@mweb.co.za>, <wandab@tshwane.gov.za>, <gheath@geoscience.org.za>, <njanuary@jhb.sahra.org.za>, <maphata.ramphele@gauteng.gov.za>, <justicem@dwaf.gov.za>, <keetm@dwaf.gov.za>, <central@eskom.co.za>, <paia@eskom.co.za>, <schmidk@nra.co.za>, <chrisbu@gpg.gov.za>, <customerservice@randwater.co.za>, <info@wessanorth.co.za>, <salbu@icon.co.za>, <salbu@email.com>, <dehning@mweb.co.za>

Subject: Olievenhoutbosch Road from Main Road to K54 - Public Notice

To whom it may concern

Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

Please don't hesitate to contact our offices for any additional information or queries.

Kind regards
George Gericke



Juanita

From: Ontvangs
Sent: 18 October 2011 10:23 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Christa Spoelstra [<mailto:mwcspoel@mweb.co.za>]
Sent: 18 October 2011 10:00 AM
To: Lizelle Gregory
Subject: Re: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Please register me on your list
Regards

Cllr/Rld Christa Spoelstra
Ward/Wyk 65
Tshwane Metro
082 880 5300

From: "Lizelleg@mweb.co.za" <Lizelleg@mweb.co.za>
Date: Tue, 18 Oct 2011 09:22:13 +0200
To: Christa Spoelstra <mwcspoel@mweb.co.za>, <mayet@kungwinimun.co.za>, <kpea@polka.co.za>, <ireneglen@telkomsa.net>, 'Secretary of Municipal Manager' <munman@kungwinimun.co.za>, <guy@raventp.co.za>, <riaanm@tshwane.gov.za>, <b.j.v@mweb.co.za>, <pat@salberg.co.za>, <alistair.cutts@gmail.com>, <gem.village@telkomsa.net>, <weyers@worldonline.co.za>, <loubser.dekock@za.saabgroup.com>, <ffouche@vodamail.co.za>, Clive Napier <napierc@mweb.co.za>, <janett@yebo.co.za>, <barry@thelife.co.za>, <chris@mediaventures.co.za>, <jaz@midrand-estates.co.za>, <henning.schetshe@lantic.net>, <lee-ann@enviroblasting.co.za>, <sean@centurus.co.za>, <kempestate@polka.co.za>, <sterkfonteinbrick3@telkomsa.net>, <ronnie.degabriele@corobrik.co.za>, <piet.ackerman@holcim.com>
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

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Kind regards
George Gericke

Bokamoso



**Environmental Consultants &
Landscape Architects**

01 861 88 888 • 071 21 846 3900 • 071 91 410 56 59
56 Lehanuwa Road Ashlea Gardens, Pretoria

Juanita

From: Ontvangs
Sent: 18 October 2011 10:10 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice
Attachments: Public Notice Olievenhoutbosch.pdf

From: Maluleke Justice [<mailto:MalulekeJ@dwa.gov.za>]
Sent: 18 October 2011 09:27 AM
To: lizelleg@mweb.co.za
Cc: Mathebe Tshepo (GAU)
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Dear Lizelle

Please send us a copy of the BAR for comments.

Wisani Justice Maluleke

Department of Water Affairs

Crocodile/ Marico Water Management Area

Tel: 012 392 1409

Cell: 082 804 9817

Fax: 012 392 1486

e-mail: teo@dwaf.gov.za

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 18 October 2011 09:14 AM
To: ivan@jppartners.co.za; irenemkt@mweb.co.za; deon@belvedere.co.za; fritss@boogertmanpta.co.za; eric@planpractice.co.za; rudolph@law.co.za; wim@mtdevelopment.co.za; jerry@civilconcepts.co.za; junaidd@p-3.co.za; jack@centurus.co.za; jac.botha@route2.co.za; LutzJ@TSHWANE.GOV.ZA; lodiO@tshwane.gov.za; wandab@tshwane.gov.za; gheath@geoscience.org.za; njanuary@jhb.sahra.org.za; maphata.ramphele@gauteng.gov.za; Maluleke Justice; Keet Marius (PTA); central@eskom.co.za; pala@eskom.co.za; schmidk@nra.co.za; chrisbu@gpg.gov.za; customerservice@randwater.co.za; info@wessanorth.co.za; deon@belvedere.co.za
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

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Please refer to the attached public notice for the proposed **Olievenhoutbosch Road from Main Road to K54** project.

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Kind regards
George Gericke



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Juanita

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Sent: 18 October 2011 10:10 AM
To: George Gericke
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Sent: 18 October 2011 09:27 AM
To: lizelleg@mweb.co.za
Cc: Mathebe Tshepo (GAU)
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Dear Lizelle

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Wisani Justice Maluleke

Department of Water Affairs

Crocodile/ Marico Water Management Area

Tel: 012 392 1409

Cell: 082 804 9817

Fax: 012 392 1486

e-mail: teo@dwaf.gov.za

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 18 October 2011 09:14 AM
To: ivan@ippartners.co.za; irenemkt@mweb.co.za; deon@belvedere.co.za; fritss@boogertmanpta.co.za; eric@planpractice.co.za; rudolph@law.co.za; wim@mtdevelopment.co.za; jerry@civilconcepts.co.za; junaid@p-3.co.za; jack@centurus.co.za; jac.botha@route2.co.za; LutzJ@TSHWANE.GOV.ZA; lodiO@tshwane.gov.za; wandab@tshwane.gov.za; gheath@geoscience.org.za; njanuary@jhb.sahra.org.za; maphata.ramphele@gauteng.gov.za; Maluleke Justice; Keet Marius (PTA); central@eskom.co.za; paia@eskom.co.za; schmidk@nra.co.za; chrisbu@gpg.gov.za; customerservice@randwater.co.za; info@wessanorth.co.za; deon@belvedere.co.za
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

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Kind regards
George Gericke



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Juanita

From: Ontvangs
Sent: 29 November 2011 04:41 PM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

From: Edu & Edna Meyer [<mailto:edumeyer@iburst.co.za>]
Sent: 29 November 2011 04:36 PM
To: 'Lizelle Gregory'
Subject: RE: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

Hallo!

Dankie vir die inligting en toekomstige uitnodigings.

Intussen moet ons vooruit beplan: Gaan ons huis platgeslaan word? (moontlik vir n ander aksie) Want ons wil in die nabye toekoms verkoop en na n aftree-oord naby Rustenburg verhuis. Wie kan help, want ek het gewonder of n instansie n "grondeis" teen ons het ?

Groetnis, Eddie Meyer

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: Tuesday, November 22, 2011 1:10 PM
To: james.ah.cambell@gmail.com; visserliz@mweb.co.za; raj@glencarol.co.za; mwvspoel@mweb.co.za; edumeyer@iburst.co.za; Rschuster@barloworld-equipment.com
Subject: Olievenhoutbosch Road from Main Road to K54 - I&APs (Gaut 002/11-12/E0135)

To whom it may concern

Thank you for your correspondence regarding the proposed Olievenhoutbosch Road from Main Road to K54 project. Please note that you were registered as an Interested and/or Affected Party (I&APs) for the proposed project, and that we will inform you of any public meetings or draft reports that will be made available to all I&APs as soon as possible.

Please don't hesitate to contact our offices for any additional queries in this regard.

Kind regards,

George Gericke

Bokamoso



Environmental Consultants &

Landscape Architects

011 432 5121 • 011 432 5122 • 011 432 5123 • 011 432 5124 • 011 432 5125
36 Lebombo Road Ashlea Gardens, Pretoria

Juanita

From: Ontvangs
Sent: 30 January 2012 08:18 AM
To: User3
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

From: Brian Melvill-Smith [<mailto:Brian.Melvill-Smith@barloworldmotor.com>]
Sent: 29 January 2012 05:15 PM
To: lizelleg@mweb.co.za
Subject: FW: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Good afternoon George / Lizelle

Can you please confirm our registration as interested and affected parties?

Kind regards

Brian & Jenny Melvill-Smith

☎: (w) 011 552-9344 (h) 012 667-2379 📠: (c) 083 645-1504

☎: 086 533-7801

✉: Brian.Melvill-Smith@BarloworldMotor.com

🌐: www.MyWheels.co.za

🌐: www.BuyMyCar.co.za



Before printing this e-mail please think about our Earth

From: Brian Melvill-Smith
Sent: 21 October 2011 05:19
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch Road from Main Road to K54 - Public Notice

Good morning George / Lizelle

Please register us as an interested and affected party with regard to this development.

Please confirm the registration

Kind regards

Brian & Jenny Melvill-Smith

37 Alexandra Road, Irene, Centurion, 0157

☎: 011 552-9344 (w) 012 667-2379 (h) 📠: 083 645-1504 (c)

☎: 086 533-7801 (f-email)

✉: Brian.Melvill-Smith@BarloworldMotor.com

 www.MyWheels.co.za

 www.BuyMyCar.co.za



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<http://www.mywheels.co.za/>

<http://www.buymycar.co.za/>

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Juanita

From: Ontvangs
Sent: 20 October 2011 08:06 AM
To: George Gericke
Subject: FW: OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO K54.

From: Lisa [<mailto:trublet@global.co.za>]
Sent: 20 October 2011 12:52 AM
To: lizelleg@mweb.co.za
Subject: Fw: OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO K54.

From: [Lisa](#)
Sent: Thursday, October 20, 2011 12:36 AM
To: lizelleg@mweb.co.za www.bokamoso.net
Subject: OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO K54.

Dear Sir or Madam:

Please list us as Interested Parties for:

Project Name: OlievenhoutboschRoad from Main Road to K54.
Reference Number:Gaut002/11-12/E0135

Contact Information: Roger Trublet de Nermont
trublet@global.co.za
082 806 6388

Contact Information: Lisa Trublet de Nermont
trublet@global.co.za
082 885 1554

Interest in the Matter: Cornwall Hill Residents

Thank you very much for your assistance.

Regards,
Lisa Trublet de Nermont

Juanita

From: Ontvangs
Sent: 05 January 2012 08:54 AM
To: George Gericke
Subject: FW: Olievenhoutbosch Road from Main Road to K54.

Elsa Viviers
Namens/on behalf of
Lizelle Gregory

Bokamoso



Environmental Consultants &
Landscape Architects

T: +27(12) 346 3810 | F: 27 86 570 5659 | C: 083 255 8384
E: lizelle@mweb.co.za | 36 Lebombo Road Asitea Gardens, PTA

From: At van Niekerk [<mailto:estatemanager@irenefarmvillages.co.za>]
Sent: 03 January 2012 04:20 PM
To: 'Lizelle Gregory'
Subject: RE: Olievenhoutbosch Road from Main Road to K54.

Geagte Dame,

Ek volg net op m.b.t. enige verdere verwickelinge in die aangeleentheid.

Groete.

At van Niekerk
Estate Manager / Landgoedbestuurder
Irene Farm Villages HOA/HEV

Tel: 012-662-3505 (Reception)
Tel: 012-662-5601 (Direct)
Fax: 012-662-5602;
Mobile: 079 525 9281
www.irenefarmvillages.co.za

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: Wednesday, October 19, 2011 7:56 AM
To: estatemanager@irenefarmvillages.co.za
Subject: Olievenhoutbosch Road from Main Road to K54.

More Mnr. van Niekerk

Vind aangeheg die publieke kennisgewing vir die beplande deel van die Olievenhoutbosch pad soos laas week met jou bespreek. Weereens dankie vir die moeite om die kennisgewings in die Irene Farm Estate te versprei.

Vriendelike groete

George Gericke



Juanita

From: Ontvangs
Sent: 18 October 2011 04:52 PM
To: George Gericke
Subject: FW: OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO K54

From: Kobus Knoetze [<mailto:kobus@dhkthinkspace.co.za>]
Sent: 18 October 2011 04:49 PM
To: lizelleg@mweb.co.za
Subject: OLIEVENHOUTBOSCH ROAD FROM MAIN ROAD TO K54

Hi Lizelle

As I am a Irene resident (1 Clifford Road), please list me and let me know when the next meeting will be.

Kind Regards


KOBUS KNOETZE
Interior Designer



6th Floor De Waterkant Centre
9 Somerset Road
Cape Town 8001
South Africa
Tel +27 (0) 21 421 6803
Fax +27 (0) 21 421 8293
Mobile +27 (0) 83 633 8922
Email kobus@dhkthinkspace.co.za

1st floor no 3 Melrose Square
Melrose Arch
Johannesburg 2169
South Africa
Tel +27 (0) 11 684 1234
Fax +27 (0) 11 684 1673
Web www.dhkthinkspace.co.za



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Information from ESET NOD32 Antivirus, version of virus signature database 6553 (20111018)

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

Juanita

From: Niel Brink
Sent: 07 December 2011 04:13 PM
To: George Gericke
Subject: FW: Olievenhoutbosch Road: Irene Farm Villages HOA.
Importance: High

From: Ontvangs
Sent: 07 December 2011 08:11 AM
To: Niel Brink
Subject: FW: Olievenhoutbosch Road: Irene Farm Villages HOA.
Importance: High

From: At van Niekerk [<mailto:estatemanager@irenefarmvillages.co.za>]
Sent: 06 December 2011 04:24 PM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch Road: Irene Farm Villages HOA.
Importance: High

Dear Madam,

Please confirm the status of the Irene Farm Villages HOA and all its Members as interested and or affected parties in the above mentioned project.

It will be appreciated if you can advise us on the next scheduled public meeting and the cutoff date for submissions.

Kind regards.

At van Niekerk
Estate Manager / Landgoedbestuurder
Irene Farm Villages HOA/HEV

Tel: 012-662-3505 (Reception)
Tel: 012-662-5601 (Direct)
Fax: 012-662-5602;
Mobile: 079 525 9281
www.irenefarmvillages.co.za

Juanita

From: Ontvangs
Sent: 31 October 2011 09:12 AM
To: George Gericke
Subject: FW: Olievenhoutbosch road

From: Raj Shunmugam [<mailto:raj@glencarol.co.za>]
Sent: 31 October 2011 09:01 AM
To: lizelleg@mweb.co.za
Subject: Olievenhoutbosch road

Hi Lizell

How do I go about registering for the above?

Regards
Raj Shunmugam
428 Shillingford Rd
Cornwall Hill

Juanita

From: Ontvangs
Sent: 04 November 2011 03:03 PM
To: George Gericke; Genevieve Tredoux
Subject: FW: Olievenhoutbosch Road

From: Thomas [<mailto:thomas@viacapital.co.za>]
Sent: 04 November 2011 03:08 PM
To: lizelleg@mweb.co.za
Cc: 'Edu & Edna Meyer'
Subject: Olievenhoutbosch Road

Dear George / Genevieve,

Thank you for the attached notification. The owner, resident, and therefore the primary interested party in the matter is my dad who resides at 2 Wellington Road, Irene. I would appreciate if you could therefore note him as such on your data base for future reference.

Eduard H.H. Meyer
012 667 5996
082 940 2958
edumeyer@iburst.co.za

Regards,
Thomas

Thomas Meyer
Reg. nr. 2004/02005/07
Building 3, Harrowdene Office Park
Western Service Road
Woodmead
South Africa
PO BOX 66, Woodlands, 2050
Telephone +27 11 275 2807
Fax 0027 11 275 2807
thomas.meyer@viacapital.co.za
www.viacapital.co.za

This email is confidential and intended for the addressee only.
The following link will take you to Via Capital's email disclaimer.
<http://www.viacapital.co.za/disclaimer.aspx>

Juanita

From: Ontvangs
Sent: 07 October 2009 08:06 AM
To: George Gericke
Subject: FW: Olievenhoutbosch

From: Cobus Janse van Rensburg [<mailto:Cobus.JvRensburg@pbmr.co.za>]
Sent: 07 October 2009 08:03 AM
To: Lizelle Gregory; Jan Zeederberg
Subject: Olievenhoutbosch

Hallo George en Jan

Ek verstaan dat die Olievenhoutbosch pad nou weer gebou gaan word? Kan jy my laat weet wat aangaan asb.

Beste groete/Kind regards

Cobus

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 25 September 2009 08:50 AM
To: Cobus Janse van Rensburg
Subject: K109 Petition

Good morning Cobus

I tried to phone a few times. At the public meeting for the proposed K109 someone mentioned that there were a petition signed by all the people that is for the proposed road. We would deeply appreciate it if you could assist us in this matter by indicating who this person was. We just want to get a hold of the petition to include it in the process.

Please don't hesitate to contact our offices for additional information.

Kind Regards

George Gericke

Bokamoso Landscape Architects and Environmental Consultants

Tel: (012) 346 3810

Fax: 086 570 5659

Juanita

From: Ontvangs
Sent: 20 October 2011 08:06 AM
To: George Gericke
Subject: FW: OLIEVENHOUTBOSCHROAD ROAD FROM MAIN ROAD TO K54.

From: Lisa [<mailto:trublet@global.co.za>]
Sent: 20 October 2011 12:32 AM
To: lizelleg@mweb.co.za
Subject: OLIEVENHOUTBOSCHROAD ROAD FROM MAIN ROAD TO K54.

Dear Sir or Madam:

Please list us as an Interested Parties for:

Project Name: OlievenhoutboschRoad from Main Road to K54.
Reference Number:Gaut002/11-12/E0135

Roger Trublet de Nermont
trublet@global.co.za
082 806 6388

Lisa Trublet de Nermont
trublet@global.co.za
082 885 1554

Cornwall Hill Residents

Thank you very much for your assistance.

Regards,

Lisa Trublet de Nermont

Juanita

From: Ontvangs
Sent: 20 October 2011 08:36 AM
To: George Gericke
Subject: FW: Re. Public Meeting 24 May 2011

From: James AH Campbell [<mailto:james.ah.campbell@gmail.com>]
Sent: 19 October 2011 04:51 PM
To: 'Lizelle Gregory'
Subject: RE: Re. Public Meeting 24 May 2011

Hi George,

Many thanks. Look forward to reading.

Will you also be able to respond to my other emails?

Best regards,

James

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 19 October 2011 12:03
To: james.ah.campbell@gmail.com
Subject: RE: Re. Public Meeting 24 May 2011

From: Ontvangs
Sent: 19 October 2011 08:27 AM
To: George Gericke
Subject: FW: Re. Public Meeting 24 May 2011

Good day James

I apologize that I totally overlooked the fact that I didn't send the minutes to you. Please refer to the attached minutes of the meeting as requested. Also note that we are awaiting information from the traffic engineers at this stage. We will inform you when another meeting takes place, and when the draft reports will be made available to the interested parties. Also note that you were registered as an Interested and/or Affected party for both the proposed k105 project and the recently advertised Olievenhoutbosch Road project. At this stage no additional information is available.

Kind regards,
George Gericke

Bokamoso

Environmental Consultants &
Landscape Architects

© info@bokamoso.co.za | +27(0)11 5346 3300 | +27(0)11 5346 3300
36 Lelefontein Road (Ashlea Gardens), Pretoria



From: James AH Campbell [<mailto:james.ah.campbell@gmail.com>]
Sent: 18 October 2011 04:55 PM
To: 'Lizelle Gregory'
Cc: 'Heather Maynier'; 'Christa Spoelstra'
Subject: Re. Public Meeting 24 May 2011

Hi George,

Further to the attached presentation made at a public meeting on 24 May 2011,

I'd like to state that I received no notices in 2009 and 2011 as per slides 8 and 9 of the attached. I was also not invited to the 24 May 2011 public meeting. I live within 100m of the so-called quarter-link. Further advertising in the Beeld newspaper is irrelevant to me as I do not speak Afrikaans. I also put all of my requests/comments in writing (as requested), but get no reply. Copies of all my emails are available on request. I also attended the public meeting on 1 August 2011 and made a number of written submissions. I have yet to receive any response or minutes from this meeting.

Please kindly advise.

Best regards,

James AH Campbell

Mobile/Cell: +27 83 457 3724

Fax no: +27 86 539 3608

Email: james.ah.campbell@gmail.com

Skype: jahcampbell1

Web: <http://www.linkedin.com/in/jamesahcampbell>

<<...>>

Juanita

From: Ontvangs
Sent: 20 October 2011 01:38 PM
To: George Gericke
Subject: FW: Re: Public Meeting 24 May 2011

From: James AH Campbell [<mailto:james.ah.campbell@gmail.com>]
Sent: 20 October 2011 01:11 PM
To: 'Lizelle Gregory'
Subject: RE: Re. Public Meeting 24 May 2011

Hi George,

Have read the minutes and they seem fine to me, many thanks.

Look forward to your response on my other emails.

Best regards,

James

From: Lizelle Gregory [<mailto:lizelleg@mweb.co.za>]
Sent: 19 October 2011 12:03
To: james.ah.campbell@gmail.com
Subject: RE: Re. Public Meeting 24 May 2011

From: Ontvangs
Sent: 19 October 2011 08:27 AM
To: George Gericke
Subject: FW: Re. Public Meeting 24 May 2011

Good day James

I apologize that I totally overlooked the fact that I didn't send the minutes to you. Please refer to the attached minutes of the meeting as requested. Also note that we are awaiting information from the traffic engineers at this stage. We will inform you when another meeting takes place, and when the draft reports will be made available to the interested parties. Also note that you were registered as an Interested and/or Affected party for both the proposed k105 project and the recently advertised Olievenhoutbosch Road project. At this stage no additional information is available.

Kind regards,
George Gericke

**Environmental Consultants &
Landscape Architects**

01 862 19 00 00 | 011 219 46 38 101 | 011 86 539 50 59
56 Lekomba Road Ashlea Gardens, Pretoria



From: James AH Campbell [<mailto:james.ah.campbell@gmail.com>]
Sent: 18 October 2011 04:55 PM
To: 'Lizelle Gregory'
Cc: 'Heather Maynier'; 'Christa Spoelstra'
Subject: Re: Public Meeting 24 May 2011

Hi George,

Further to the attached presentation made at a public meeting on 24 May 2011.

I'd like to state that I received no notices in 2009 and 2011 as per slides 8 and 9 of the attached. I was also not invited to the 24 May 2011 public meeting. I live within 100m of the so-called quarter-link. Further advertising in the Beeld newspaper is irrelevant to me as I do not speak Afrikaans. I also put all of my requests/comments in writing (as requested), but get no reply. Copies of all my emails are available on request. I also attended the public meeting on 1 August 2011 and made a number of written submissions. I have yet to receive any response or minutes from this meeting.

Please kindly advise.

Best regards,

James AH Campbell

Mobile/Cell: +27 83 457 3724

Fax no: +27 86 539 3608

Email: james.ah.campbell@gmail.com

Skype: jahcampbell1

Web: <http://www.linkedin.com/in/jamesahcampbell>

<<...>>

Juanita

From: Ontvangs
Sent: 20 October 2011 09:57 AM
To: George Gericke
Subject: FW: Registration as interested party Olivenhoutbosch

From: Mara Temple [<mailto:Mara.Temple@gpaa.gov.za>]
Sent: 20 October 2011 09:21 AM
To: lizelleq@mweb.co.za
Subject: Registration as interested party Olivenhoutbosch

Olievenhoutbosch road development north of the Estate that will link the R21 to the road that passes Centurion Golf Estate

Mara Temple

Assistant Manager Payroll: Finance • Government Pensions Administration Agency
Tel: (012) 319 1004 • Fax: 012 319 3812 • mara.temple@gpaa.gov.za

=====
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=====
===

Juanita

From: Ontvangs
Sent: 24 October 2011 02:36 PM
To: Niel Brink; Thabang Hlongwane; George Gericke
Subject: FW: Registration as IAP: Olievenhoutbosch Road from Main Road to K54

-----Original Message-----

From: Natalie Koneight [<mailto:nkoneigh@randwater.co.za>]
Sent: 24 October 2011 01:03 PM
To: lizelleg@mweb.co.za
Subject: Registration as IAP: Olievenhoutbosch Road from Main Road to K54

Dear Sir/Madam

Rand Water is hereby registering as IAP for the above-mentioned project.

Kindly forward confirmation of registration as IAP to Natalie Koneight at nkoneigh@randwater.co.za

Attached is Rand Water's Wayleaves, for your information.

Rand Water would like to be sure that the development as per the BID have planned adequately for their sewerage removal off site.

Please provide Rand Water with :

1. The detail about the facility that will receive the sewerage.
2. An agreement that the identified sewerage facility is aware of the development and that they have the capacity to accept the sewerage from the site without overloading the facility.
3. Will there be any discharges other than the sewerage system that will increase storm water entering the environment. If so, has the development considered retention and stilling ponds to slow down high peak flows.

If the sewerage facility cannot accept the additional load into their facility then this will have a negative impact on the environment and the pollution load into the river systems

Natalie Koneight
Secretary to Leslie Hoy

EMS Department, GSSE

[cid:image002.jpg@01CA5626.C30DADC0](#)

T +27-11-724-9366

F +27-11-900-2108

E nkoneigh@randwater.co.za <<mailto:xxx@randwater.co.za>>

www.randwater.co.za

Annexure L

Draft Environmental Management Plan



Draft Environmental Management Plan for Olievenhoutbosch Road

GAUT: 002/11-12/E0135

November 2014



LEBOMBO GARDEN BUILDING 36 LEBOMBO ROAD
ASHLEA GARDENS
0081
P.O. BOX 11375
MAROELANA
Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za



1. Project Outline

1.1 Background

Bokamoso Environmental Consultants was appointed by M & T Development to compile an Environmental Management plan for the construction of a section of Olievenhoutbosch from Main Road in the west to proposed Road K54 in the east. The Report had been prepared to comply with Section 34 of the National Environmental Management Act (NEMA), 1998 (Act 107 of 1998).

1.2 Project description

The section of Olievenhoutbosch is situated from Main Road in the west to proposed Road K54 in the east. **(Refer to Figure 1 for the Locality Map and Figure 2 for the Aerial Map).**

Olievenhoutbosch Road is a planned road situated on Portion 198, Remainder of Portion 330 and Portion 355 of the farm Doornkloof 391-JR. The yellow line in **Figure 1** represents the approved Olievenhoutbosch road that links up with Nellmapius Drive that is currently being constructed; the proposed road under consideration will add additional lanes and thus help with congestion on the currently approved Olievenhoutbosch Road. The proposed alignment traverses approved townships Irene X 89, 90, 91 & 92.

The EMP will be a binding document for purposes of compliance.

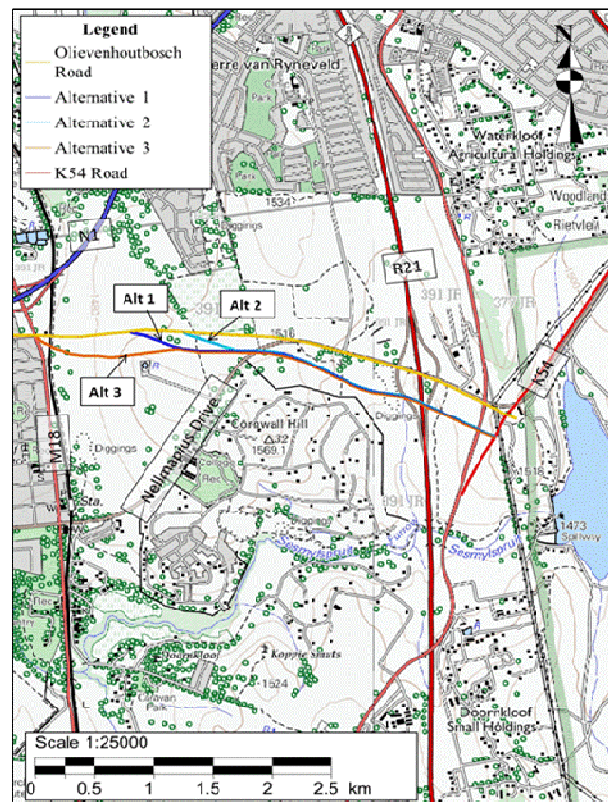


Figure 1 – Locality Map

Draft Environmental Management Plan for Olievenhoutbosch Road from Main Road to K54
 GAUT: 002/11-12/E0135

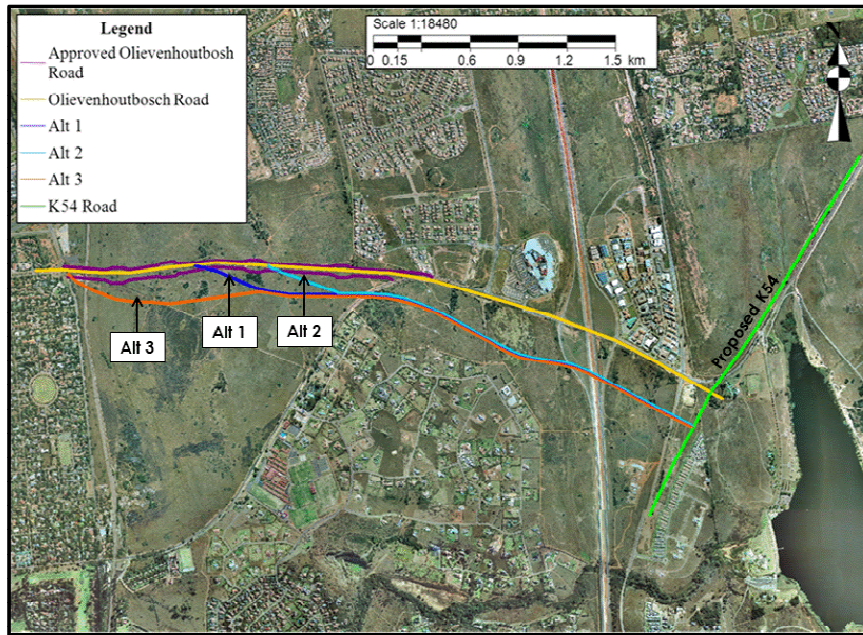


Figure 2 – Aerial

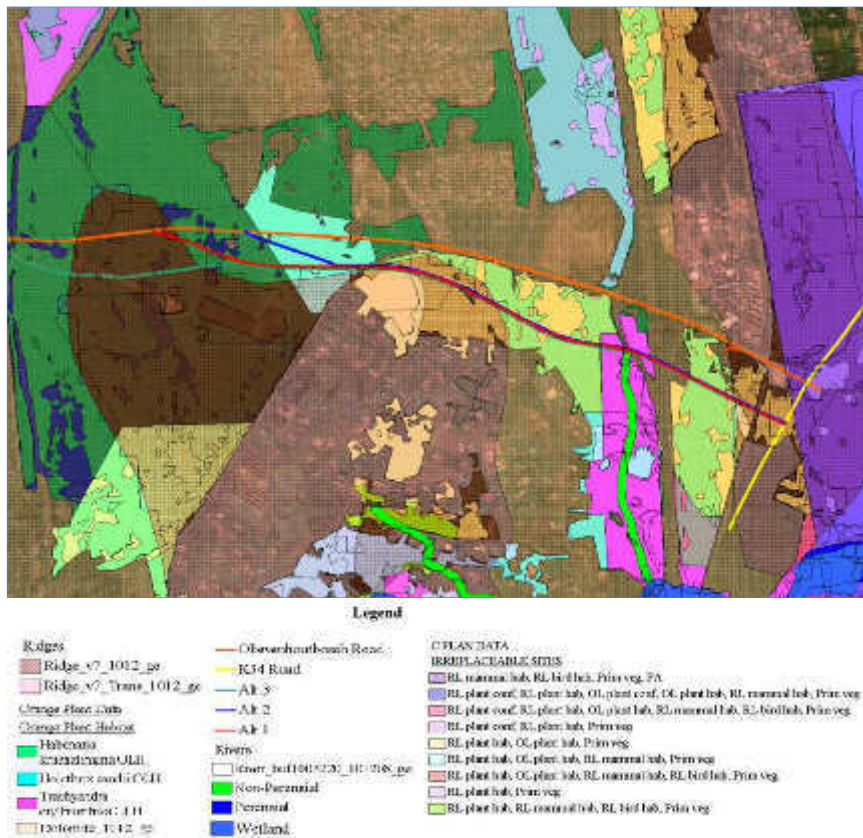


Figure 3 – Sensitivity Map

1.3 Receiving Environment

Geology:

- A large portion of the route is underlain by dolomite which poses the risk of formation of sinkholes and dolines. There is also the possibility of caves present due to the underlying dolomite.

Hydrology:

- All three alignments slope towards the Sesmyl Spruit and associated wetland. Groundwater pollution may occur due to the underlying dolomite.

Ridges

- The proposed alternative 3 passes the quartzite ridge and the lower dolomitic slopes near areas where a Threatened plant species, *Melolobium subspicatum* are present.

Fauna and flora:

- The Red list ***Melolobium subspicatum*** was found in the Mixed grassland on shallow dolomite study unit within 200 meters of the proposed route. The ***Tristachya – Monocymbium chert- Quartz outcrop***, the Quartz slope vegetation and the Mixed grassland on shallow dolomite study units were considered sensitive. From all the biodiversity studies undertaken it is clear that the north-eastern section which mostly covers Alternative 3 of the route is highly sensitive.

Cultural /Historical:

- No obvious features, sites or artefacts of cultural significance are present on the site or in the direct vicinity.

Visual:

- Due to the topography only sections of the proposed road will be visible from surrounding view-sheds.

Noise:

- Pro-active planning in the area had already taken place around the Olievenhoutbosch road alignment. The involved section of the route was taken into

consideration during the layout designs of proposed new developments in the area. If planned correctly, the proposed route should therefore not have a significant noise impact on the surrounding environment (currently and in the future).

Air Pollution

- Dust could impact the surrounding residences if the construction will be done during the dry and windy months. It is proposed that regular damping down of the study area must be done if constructed during dry and windy months.

2. EMP Objectives and context

Objectives

The objectives of this plan are to:

- Identify the possible environmental impacts of the proposed activity;
- Develop measures to minimise, mitigate and manage these impacts;
- Meet the requirements of the Record of Decision of GDARD and other of other Authorities; and
- Monitor the project.

EMP context

This EMP fits into the overall planning process of the project by carrying out the conditions of consent set out by the GDARD. In addition, all mitigation measures recommended in the EIA report are included in the EMP.

This EMP addresses the following phase of the development:

- Planning and Design phase.

3. Monitoring

In order for the EMP to be successfully implemented all the role players involved must have a clear understanding of their roles and responsibilities in the project.

These role players may include the Authorities (A), other Authorities (OA), Developer/proponent (D), Environmental Control Officer (ECO), Project Manager (PM), Contractors (C), Environmental Assessment Practitioner (EAP) and Environmental Site Officer (ESO). Landowners interested and affected parties and the relevant environmental and project specialists are also important role players.

3.1 Roles and responsibilities

Developer (D)

The developer is ultimately accountable for ensuring compliance with the EMP and conditions contained in the RoD. The developer must appoint an independent Environmental Control Officer (ECO), for the duration of the pre-construction and construction phases, to ensure compliance with the requirements of this EMP. The developer must ensure that the ECO is integrated as part of the project team.

Project Manager (PM)

The project Manager is responsible for the coordination of various activities and ensures compliance with this EMP through delegation of the EMP to the contractors and monitoring of performance as per the Environmental Control Officer's monthly reports.

Environmental Control Officer (ECO)

An independent Environmental Control Officer (ECO) shall be appointed, for the duration of the pre-construction and construction phase of the services and bulk infrastructure, by the developer to ensure compliance with the requirements of this EMP.

Contact details of appointed ECO

ECO details will be available as soon as developer appointed a company.

- The Environmental Control Officer shall ensure that the contractor is aware of all the specifications pertaining to the project.
- Any damage to the environment must be repaired as soon as possible after consultation between the Environmental Control Officer, Consulting Engineer and Contractor.
- The Environmental Control Officer shall ensure that the developer staff and/or contractor are adhering to all stipulations of the EMP.
- The Environmental Control Officer shall be responsible for monitoring the EMP throughout the project by means of site visits and meetings. This should be documented as part of the site meeting minutes.
- The Environmental Control Officer shall be responsible for the environmental training program.
- The Environmental Control Officer shall ensure that all clean up and rehabilitation or any remedial action required, are completed prior to transfer of properties.
- A post construction environmental audit is to be conducted to ensure that all conditions in the EMP have been adhered to.

Contractor (C):

The contractors shall be responsible for ensuring that all activities on site are undertaken in accordance with the environmental provisions detailed in this document and that sub-contractor and laborers are duly informed of their roles and responsibilities in this regard.

The contractor will be required, where specified to provide Method Statements setting out in detail how the management actions contained in the EMP will be implemented.

The contractors will be responsible for the cost of rehabilitation of any environmental damage that may result from non-compliance with the environmental regulations.

Environmental Site Officer (ESO):

The ESO is appointed by the developer as his/her environmental representative to monitor, review and verify compliance with the EMP by the contractor. The ESO is not an independent appointment but must be a member of the contractor's management team. The ESO must ensure that he/she is involved at all phases of the construction (from site clearance to rehabilitation).

Authority (A):

The authorities are the relevant environmental department that has issued the Environmental Authorisation. The authorities are responsible for ensuring that the monitoring of the EMP and other authorization documentation is carried out by means of reviewing audit reports submitted by the ECO and conducting regular site visits.

Other Authorities (OA):

Other authorities are those that may be involved in the approval process of the EMP.

Environmental Assessment Practitioner (EAP):

According to section 1 of NEMA the definition of an environmental assessment practitioner is "the individual responsible for the planning, management and coordination of environmental impact assessments, strategic environmental assessments, environmental management plans or any other appropriate environmental instruments through regulations".

3.2 Lines of Communication

The Environmental Control Officer in writing should immediately report any breach of the EMP to the Project Manager. The Project Manager should then be responsible for rectifying the problem on-site after discussion with the contractor. Should this require additional cost, then the developer should be notified immediately before any additional steps are taken.

3.3 Reporting Procedures to the Developer

Any pollution incidents must be reported to the Environmental Control Officer immediately (within 12 hours). The Environmental Control Officer shall report to the Developer on a regular basis (site meetings).

3.4 Site Instruction Entries

The site instruction book entries will be used for the recording of general site instructions as they relate to the works on site. There should be issuing of stop work order for the purposes of immediately halting any activities of the contractor that may pose environmental risk.

3.5 ESA/ESO (Environmental Site Officer) Diary Entries

Each of these books must be available in duplicate, with copies for the Engineer and Environmental Site Officer. These books should be available to the authorities for inspection or on request. All spills are to be recorded in the ESA/Environmental Site Officer's diary.

3.6 Methods Statements

Methods statements from the contractor will be required for specific sensitive actions on request of the authorities or ESA/ESO (Environmental Site Officer). All method statements will form part of the EMP documentation and are subject to all terms and conditions contained within the EMP document. For each instance wherein it is requested that the contractor submit a method statement to the satisfaction of ESA/ESO, the format should clearly indicate the following:

- What – a brief description of the work to be undertaken
- How- a detailed description of the process of work, methods and materials
- Where- a description / sketch map of the locality of work; and

- When- the sequencing of actions with due commencement dates and completion date estimate.

The contractor must submit the method statement before any particular construction activity is due to start. Work may not commence until the method statement has been approved by the ESA/ESO.

3.7 Record Keeping

All records related to the implementation of this management plan (e.g. site instruction book, ESA/ESO dairy, methods statements etc.) must be kept together in an office where it is safe and can be retrieved easily. These records should be kept for two years at any time be available for scrutiny by any relevant authorities.

3.8 Acts

1. The National Water Act, 1998 (Act No: 36 of 1998)

The purpose of this Act is to ensure that the nation's water resources are protected, used, developed, conserved, managed and controlled in ways that take into account, amongst other factors, the following:

- ❑ Meeting the basic human needs of present and future generations;
- ❑ Promoting equitable access to water;
- ❑ Promoting the efficient, sustainable and beneficial use of water in the public interest;
- ❑ Reducing and preventing pollution and degradation of water resources;
- ❑ Facilitating social and economic development; and
- ❑ Providing for the growing demand for water use.

Impact on proposed Road:

Not Significant – Section 21 Water use licenses will not be necessary, as the route does not cross any rivers or wetlands.

2. National Environmental Management: Air Quality Act (Act No. 39 of 2004)

This act replaced the Atmospheric Pollution Prevention Act (Act No. 45 of 1965), however Part 2 of this act is still applicable. Part 2 of the act is however still applicable and deals with the control of noxious or offensive gases. The proposed development will not release any of the listed gases into the atmosphere and this act is therefore not applicable to the proposed development.

The purpose of the Act is "To reform the law regulating air quality in order to protect the environment by providing reasonable measures for the prevention of pollution and ecological degradation and for securing ecologically sustainable development while promoting justifiable economic and social development; to provide for national norms and standards regulating air quality monitoring, management and control by all spheres of government; for specific air quality measures; and for matters incidental thereto."

Impact on proposed road:

- **Significant** – Parts II of the Atmospheric Pollution Prevention Act (Act No. 45 of 1965), have relevance to the proposed road.

3. National Environmental Management Act (Act 107 of 1998)

The NEMA is primarily an enabling Act in that it provides for the development of environmental implementation plans and environmental management plans. The principles listed in the act serve as a general framework within which environmental management and implementation plans must be formulated.

The principles in essence state that environmental management must place people and their needs at the forefront of its concern and that development must be socially, environmentally and economically sustainable.

Impact on proposed road:

Significant – The proposed section of Olievenhoutbosch road is listed under the activities as regulated under NEMA.

4. The Municipal Systems Act (Act 32 of 2000)

This Act was introduced to provide for the core principles, mechanisms and processes that are necessary to enable municipalities to move progressively towards the social and economic upliftment of local communities, and ensure universal access to essential services that are affordable to all.

The proposed development will support the local authority in complying with the principles of the Municipal Systems Act, by assisting in providing the community with essential services, such as water and sewage infrastructure.

Impact on proposed road:

Not-significant – The proposed section of Olievenhoutbosch road will not contribute to the Municipal system.

5. The Draft Red Data Species Policy

This policy is provided for the protection, conservation and maintenance of Red Data species within the Gauteng Province.

Impact on proposed road:

Significant – The vegetation study stated that the Red List **Melolobium subspicatum** was found in the Mixed grassland on shallow dolomite study unit within 200 meters of the proposed route.

6. National Veld and Forest Fire Act, 1998 (Act No. 101, 1998)

The purpose of this Act is to prevent and combat veld, forest and mountain fires throughout the Republic. Furthermore the Act provides for a variety of institutions, methods and practices for achieving the prevention of fires.

Impact on proposed road:

Significant – No open fires will be allowed. It is important that a site development camp be located on a part of the application site that is already disturbed. The camp should not be located in close proximity of natural veld grass areas, and areas that can be easily susceptible for fires.

7. National Heritage Resources Act, 1999 (Act No. 25 of 1999)

The National Heritage Resources Act legislates the necessity and heritage impact assessment in areas earmarked for development, which exceed 0.5ha. The Act makes provision for the potential destruction to existing sites, pending the archaeologist's recommendations through permitting procedures. Permits are administered by the South African Heritage Resources Agency (SAHRA).

Impact on proposed road:

Not significant – No features of Heritage importance are present on site or within the direct vicinity of the application site. It is although important that if any such features are discovered during construction activities and clearing of the application site, the correct "procedures for an Environmental incident" (at the end of this EMP) must be followed.

8. Conservation of Agricultural Resources Act (Act No. 43 of 1983)

This Act provides for control over the utilization of the natural agricultural resources of the Republic in order to promote the conservation of the soil, the water sources and the vegetation and the combating of weeds and invader plants; and for matters connected therewith.

Impact on proposed road:

Not significant - None of the alignments cut through agricultural land and the Kungwini/Ekurhuleni Agricultural Hub. However, the route traverses areas ranging from moderate to low agricultural potential. Construction of the proposed section of Olievenhoutbosch Road will cause erosion and pollution of water sources if these impacts are not mitigated.

9. Water Services Act, 1997 (Act No. 108 of 1997)

This Act provides for the minimum standards and measures of which the following Water Services should adhere to:

- o Basic sanitation
- o Basic water supply
- o Interruption in provision of water services
- o Quality of potable water
- o Control of objectionable substances
- o Disposal of grey water
- o Use of effluent
- o Quantity and quality of industrial effluent discharged into a sewerage system
- o Water services audit as a component in the Water Services Development Plan
- o Water and effluent balance analysis and determination of water losses
- o Repair of leaks
- o Consumer installations other than meters
- o Pressure in reticulation system

Impact on proposed road:

Not-significant – The proposed section of Olievenhoutbosch Road does not apply to the water services act.

10. National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004)

The purpose of the Biodiversity Act is to provide for the management of South Africa's biodiversity within the Framework of the NEMA and the protection of species and ecosystems that warrant National protection. As part of the implementation strategy, the National Spatial Biodiversity Assessment was developed.

Impact on proposed road:

Significant – The vegetation study stated that the Red List *Melolobium subspicatum* was found in the Mixed grassland on shallow dolomite study unit within 200 meters of the proposed route.

11. Gauteng Transport Infrastructure Act, 2001

To consolidate the laws relating to roads and other transport infrastructure in Gauteng; and to provide for the planning, design, development, construction, financing, management, control, maintenance, protection and rehabilitation of provincial roads, railway lines and other transport infrastructure in Gauteng.

Impact on proposed road:

Significant – The proposed section of Olievenhoutbosch road is a provincial road.

12. National Road Traffic Act, 1996 (Act No. 93 of 1996)

This Act provides for all road traffic matters which shall apply uniformly throughout the Republic and for matters connected therewith.

Impact on proposed road:

Significant – The proposed section of Olievenhoutbosch road will serve the community and applies directly to the National Road Traffic Act.

13. Environmental Conservation Act: Noise Regulations, 1989 (Act no.73 of 1989)

The purpose of this Act is to provide measures and management relating Noise levels. This Act enables Noise levels to be acceptable to standards within a specific area and community.

Impact on proposed road:

Significant – The proposed development will include some noisy activities with the construction of the proposed section of the road and also during the operational phase.

4 Project activities

4.1 Pre- Construction Phase

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
Design and planning	Stability of structures and restriction of land use due to geology	To ensure stability of structures	<ul style="list-style-type: none"> The precautionary measures and foundation design from the involved geotechnical engineers must be implemented to ensure the stability of structures and embankments. The dolomite stability along the route must be determined. More detailed foundation investigations should be conducted for structures such as bridges and culverts. 		Engineer
	Storm water design	To prevent and restrict erosion, siltation and groundwater pollution	<ol style="list-style-type: none"> A detailed storm water management plan must be approved by the Local Authority and Department of Roads and Stormwater . Stormwater management plans must be submitted to the Local Municipality for approval. Such approval must be submitted to DWA together with a copy of the original stormwater plans. The storm water design for the proposed development must be designed to: Reduce and/ or prevent siltation, erosion and water pollution. Storm water runoff should not be concentrated as far as possible and sheet flow should be implemented. Energy dissipaters must be installed on the study area to break the speed of the water. Surface storm water generated as a result of the development must not be channeled directly into any natural drainage system or wetland. The storm water management plan should be designed in a way that aims to ensure that post development runoff does not exceed 	Compilation and approval of storm water management plan	Engineer

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			predevelopment values in: - Peak discharge for any given storm; - Total volume of runoff for any given storm; - Frequency of runoff; and - Pollutant and debris concentrations reaching water courses.		
	Light pollution	To minimise light pollution	The generation of light by night events, security lighting and other lighting shall be effectively designed so as not to spill unnecessary outward into the oncoming traffic on the passing R21 Freeway.	Lightning effectively designed.	Engineer
	Visual impact	To minimize the visual impact of the proposed development.	The developer should implemented landscaping next to the road for a pleasant view for the community.	Architectural guidelines minimizes visual impact	Architect
	Noise impact	To minimize noise impact from the proposed road	The alignment of Olievenhoutbosch road must be taken into consideration during the design of the proposed development.		
Climate	Extreme change in micro climate temperatures	To prevent the extreme change in micro climate temperatures	Where open parking bays are involved, one tree for every two parking bays shall be indicated on the Site Development Plan which shall be approved by the Local Authority and Design Review Committee, if any.	Landscape Development Plan complies	Landscape Architect
Geology and Soils	Unsuitable Geotechnical conditions	To prevent unsuitable Geotechnical conditions	The special precautionary measures, as indicated within the Geotechnical Report must be adhered to at all times. 1) A storm water management plan must be implemented on the study area to prevent the erosion of soil. 2) A pro-active maintenance strategy for water bearing services and other infrastructure should be implemented.	Precautionary measures implemented	Geotechnical engineer Dolomite Risk Manager
Fauna and Flora			The removal of Category 1 Declared invaders from the property is mandatory and Category 2 Declared invaders must be controlled.	Category 1 and 2 declared Invaders removed	Contractor ECO
	Loss of sensitive vegetation	To ensure protection of red	The Red- listed <i>Melolobium subspicatum</i> should be relocated to a safe, suitable area approved by	Red listed plants rescued prior to	Qualified specialist

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
		listed plants	GDARD.	construction	
Preparing Site Access	Environmental integrity	To avoid erosion and disturbance to indigenous vegetation	Designated routes shall be determined for the construction vehicles and designated areas for storage of equipment. Clearly mark the site access point and routes on site to be used by construction vehicles and pedestrians. Provide an access map to all contractors whom in turn must provide copies to the construction workers. Instruct all drivers to use access point and determined route.	Access to site is erosion free. Minimum disturbance to surrounding vegetation. Vehicles make use of established access routes.	Contractor
	Waste storage	To control the temporary storage of waste.	Temporary waste storage points on site shall be determined. These storage points shall be accessible by waste removal trucks and these points should not be located in sensitive areas /areas highly visible from the properties of the surrounding land-owners/tenants/in areas where the wind direction will carry bad odours across the properties of adjacent tenants or landowners.		Contractor ESO
		Ensure waste storage area does not generate pollution	Build a bund around waste storage area to stop overflow into storm water.		Contractor
		To prevent water pollution	-The storage and use of fuel and other chemicals on site must be adequately managed to prevent soil and water pollution. -Containment areas must be provided for handling of potential pollutants at refuelling depots - Transport, storage, handling and disposal of hazardous substances must be adequately controlled and managed.		Developer Contractor
			No wastewater may run freely into any of the		Contractor

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			surrounding streets or naturally vegetated areas.		

4.2 Construction Phase

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
Contractor's Camp	Loss of Vegetation and topsoil	To minimize damage to and loss of vegetation and retain quality of topsoil	Site to be established under supervision of ECO/ESO.	Minimal vegetation removed/ damaged during site activities.	Contractor
	Surface and ground water pollution	To minimize pollution of surface and Groundwater resources.	1) Sufficient and temporary facilities including ablution facilities must be provided for construction workers operating on the site. 2) A minimum of one chemical toilet shall be provided per 10 construction workers. The contractor shall keep the toilets in a clean, neat and hygienic condition. Toilets provided by the contractor must be easily accessible and a maximum of 50m from the works area to ensure they are utilized. The contractor (who must use reputable toilet-servicing company) shall be responsible for the cleaning, maintenance and servicing of the toilets. The contractor (using reputable toilet-servicing company) shall ensure that all toilets are cleaned and emptied before the builders' or other public holidays. 3) No person is allowed to use any other area than chemical toilets. 4) No French drain systems may be installed.	Effluents managed Effectively. No pollution of water resources from site. Workforce use toilets provided.	Contractor ESO

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			5) No chemical or waste water must be allowed to contaminate the run-off on site. This could possibly contaminate the drainage channel. 6) The chemical toilets may not be placed in close proximity of the adjacent dwellings to prevent odors from causing uncomfortable situations. 7) Avoid the clearing of the site camp (of specific phase) or paved surfaces with soap. This could drain into the drainage channel on site and contaminate to open space system in the area.		
		To minimize pollution of surface and Groundwater resources due to spilling of materials.	1) Drip trays and/ or lined earth bunds must be provided under vehicles and equipment, to contain spills of hazardous materials such as fuel, oil and cement. 2) Repair and storage of vehicles only within the demarcated site area. 3) Spill kits must be available on site. 4) Oils and chemicals must be confined to specific secured areas within the site camp. These areas must be banded with adequate containment (at least 1.5 times the volume of the fuel) for potential spills or leaks. 5) All spilled hazardous substances must be contained in impermeable containers for removal to a licensed hazardous waste site. 6) No leaking vehicle shall be allowed on site. The mechanic/ the mechanic of the appointed contractor must supply the environmental officer with a letter of confirmation that the vehicles and equipment are leak proof. 7) No bins containing organic solvents such as paints and thinners shall be cleaned on site, unless containers for liquid waste disposal are placed for this purpose on site.	No pollution of the environment	Contractor ESO
		To minimize	The mixing of concrete shall only be done at	No evidence of	Contractor

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
		pollution of surface and groundwater resources by cement	specifically selected sites, as close as possible to the entrance, on mortar boards or similar structures to prevent run-off into drainage line, streams and natural vegetation.	contaminated soil on the construction site.	ESO
		To minimize pollution of surface and Groundwater resources due to effluent.	No effluent (including effluent from any storage areas) may be discharged into any water surface or ground water resource.	No evidence of contaminated water resources.	Contractor ESO
Construction site	Geology and soils	To prevent the damaging of the existing soils and geology.	1) The top layer of all areas to be excavated for the purposes of construction shall be stripped and stockpiled in areas where this material will not be damaged, removed or compacted. 2) All surfaces that are susceptible to erosion, shall be protected either by cladding with biodegradable material or with the top layer of soil being seeded with grass seed/planted with a suitable groundcover.	Excavated materials correctly stockpiled No signs of erosion	Contractor
		To prevent the loss of topsoil To prevent siltation & water pollution.	1) Stockpiling will only be done in designated places where it will not interfere with the natural drainage paths of the environment. 2) In order to minimize erosion and siltation and disturbance to existing vegetation, it is recommended that stockpiling be done/ equipment is stored in already disturbed/exposed areas. 3) Cover stockpiles and surround downhill sides with a sediment fence to stop materials washing away. 4) Remove vegetation only in areas designated during the planning stage and for the purpose of construction. 5) Rehabilitation/ landscaping to be done immediately after the involved works are completed (will prevent erosion of the topsoil layer on site). 6) All compacted areas should be ripped prior to them being rehabilitated/landscaped by the	Excavated materials correctly stockpiled No visible signs of erosion and sedimentation Minimal invasive weed growth Vegetation only removed in designated areas	Contractor of Developer

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			contractor. 7) The top layer of all areas to be excavated must be stripped and stockpiled in areas where this material will not be damaged, removed or compacted. This stockpiled material should be used for the rehabilitation of the site and for landscaping purposes. 8) Strip topsoil at start of works and store in stockpiles no more than 1,5 m high in designated materials storage area. 9) During the laying of any cables, pipelines or infrastructure (on or adjacent to the site) topsoil shall be kept aside to cover the disturbed areas immediately after such activities are completed. Rehabilitation of these areas shall be done directly after infill of the trenches. No rocks shall be placed on the topsoil after re-filling.		
	Erosion and siltation	To prevent erosion and siltation	1) It is recommended that the construction of the development be done in phases. 2) Each phase should be rehabilitated immediately after the construction for that phase has been completed. The rehabilitated areas should be maintained by the appointed rehabilitation contractor until a vegetative coverage of at least 80% has been achieved. 3) Mark out the areas to be excavated. 4) Large exposed areas during the construction phases should be limited. Where possible areas earmarked for construction during later phases should remain covered with vegetation coverage until the actual construction phase. This will prevent unnecessary erosion and siltation in these areas. 5) Unnecessary clearing of flora resulting in exposed soil prone to erosive conditions should be avoided. 6) All embankments must be adequately compacted and planted with grass to stop any excessive soils	No erosion scars No loss of topsoil All damaged areas successfully rehabilitated	Contractor ESO

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			erosion and scouring of the landscape if required. 7) The eradication of alien vegetation should be followed up as soon as possible by replacement with indigenous vegetation to ensure quick and sufficient coverage of exposed areas. 8) Storm water outlets shall be correctly designed to prevent any possible soil erosion. 9) All surface run-offs shall be managed in such a way so as to ensure erosion of soil does not occur.		
	Stability of structures due to geology	To ensure stability of structures.	1) A risk management plan must be designed and implemented. 2)The precautionary measures for construction on dolomite must be implemented 3) The foundation recommendations supplied by the geotechnical engineers must be adhered to. 4) It is recommended that excavations (for foundations and underground services) be inspected on the site to ensure that conditions at variance to that described can be noted and the necessary adjustments made. 5) Detailed foundation inspections should be carried out at the time of construction to identify variances and adjust foundation designs accordingly if need be.		Engineers / Contractor / Individual Developer
	Blasting	Safety during blasting operations	Blasting may only be done by specialists in the field and should be limited to localised areas. Surrounding land-owners of properties in close proximity of blasting exercises must be informed/ warned (at least one week in advance) of blasting exercises that will take place on the study area. Warning signs to warn site workers and members of the public of blasting exercises must be erected at strategic points on the study area and the area where	Blasting done by specialists Surrounding land owners informed in advance	Contractors

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			<p>the blasting exercises will take place must be fenced off with barrier tape.</p> <p>Blasting operations should be carefully controlled and the necessary safety precautions must be implemented.</p>	Warning signs erected and barrier tape in place.	
	Hydrology	Groundwater management	1) Ongoing monitoring of groundwater levels on and in the immediate vicinity of the site is recommended.	No deviation from baseline data during regular sampling	Engineer
		To minimise pollution of soil, surface and groundwater	<p>1) Increased run-off during construction must be managed using berms and other suitable structures as required to ensure flow velocities are reduced.</p> <p>2) The contractor shall ensure that excessive quantities of sand, silt and silted water do not enter the storm water system.</p>	<p>No visible signs of erosion.</p> <p>No visible signs of pollution</p>	Contractor
	Fauna and flora	To protect the existing fauna and flora.	<p>1) All exotic invaders and weeds must be eradicated on a continuous basis.</p> <p>2) Exotic invaders must be included in an alien management program for the site.</p>	No exotic plants used for landscaping	Contractor ESO / Design Review Committee
		To protect the existing fauna and flora.	<p>1) Trees that are intended to be retained shall be clearly marked on site.</p> <p>2) Snaring and hunting of fauna by construction workers on or adjacent to the study area are strictly prohibited and offenders shall be prosecuted.</p> <p>3) Wood harvesting of any trees or shrubs on the study area or adjacent areas shall not be allowed, especially within the Non-perennial drainage line.</p> <p>4) Where possible, work should be restricted to one area at a time.</p> <p>5) Noise should be kept to a minimum and the development should be done in phases to allow faunal species to temporarily migrate into the conservation areas in the vicinity.</p>	No measurable signs of habitat destruction	Contractor ESO

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			<p>6) The contractor must ensure that no fauna species are disturbed, trapped, hunted or killed during the construction phase. Conservation-orientated clauses should be built into contracts for construction personnel, complete with penalty clauses for non-compliance;</p> <p>7) Vegetation clumps and natural grassland areas to be retained and incorporated within the proposed development formal landscaping, must be marked and demarcated before any commencement of construction activities. These areas must be fenced off (will be seen as "No-Go" areas).</p> <p>8) The trenches for the water pipelines and sewage lines should be as narrow as possible. Environmental damage caused by these trenches may be kept to a minimum by good forward planning and thereby reducing the actual length of time that they are open. Possible damage to wildlife is in direct proportion to the time that these trenches are open and may destroy amphibian and reptilian species.</p>		
			<ul style="list-style-type: none"> • Alien and invasive plants must be removed from areas to be excluded from development and the area rehabilitated with vegetation endemic to the area; • Forage and host plants required by pollinator species in the area should also be used in landscaped areas(if any); • Dumping of builder's rubble and other waste in the areas earmarked for exclusion must be prevented through fencing or other management measures; • Entrance by vehicles, especially off-road cars and bakkies, off-road bicycles and quad bikes to the areas to be excluded should be prohibited, both during the 		Contractor ESO

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			construction phase and during the lifespan of the project; <ul style="list-style-type: none"> • Foot paths should be restricted to areas where erosion can be controlled and damage to vegetation can be kept to a minimum; • The areas earmarked for exclusion from development must be fenced off during the construction phase to ensure that the developer and his contractors do not damage these areas or do not cover them with soil, builder's rubble or waste. • It is suggested that the building restrictions under the high tension power lines which transect the entire site, be used as a conservation feature by managing the grassland to attain as close as possible climax status; • Proper Veld Management Practices, such as fire management, should be implemented in the conservation areas. 		
Social	Noise impact	To maintain noise levels below "disturbing" as defined in the national Noise Regulations.	1) Site workers must comply with the Provincial noise requirements as outlined. 2) Noise activities shall only take place during working hours	No complaints from surrounding residents and I & AP	Contractor
	Dust impact	Minimise dust from the site	1) Dust pollution could occur during the construction works, especially during the dry months. Regular and effective damping down of working areas (especially during the dry and windy periods) must be carried out to avoid dust pollution that will have a negative impact on the surrounding environment. 2) When necessary, these working areas should be	No visible signs of dust pollution No complaints from surrounding residents and I & AP	Contractor

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
			damped down in the mornings and afternoons.		
	Safety and security	To ensure the safety and security of the public.	1) Although regarded as a normal practice, it is important to erect proper signs indicating the operations of heavy vehicles in the vicinity of dangerous crossings and access roads or even in the development site if necessary. 2) With the exception of the appointed security personnel, no other workers, friend or relatives will be allowed to sleep on the construction site (weekends included) 3) Construction vehicles and activities to avoid peak hour traffic times 4) Presence of law enforcement officials at strategic places must be ensured 5) Following actions would assist in management of safety along the road <ul style="list-style-type: none"> ▪ Adequate road marking ▪ Adequate roadside recovery areas ▪ Allowance for pedestrians and cyclists where necessary ▪ Although regarded as a normal practice, it is important to erect proper signs indicating the danger of the excavation in and around the development site. Putting temporary fencing around excavations where possible. 	No incidences reported	Contractor ECO
	Visual impact	In order to minimise the visual impact	1) The disturbed areas shall be rehabilitated immediately after the involved construction works are completed. 2) Shade cloth must be used to conceal and minimise the visual impact of the site camps and storage areas 3) All equipment and materials should be stored in a designated area indicated by the ECO. 4) All areas must be kept neat and tidy and waste should be stored in the designated areas and removed on a weekly basis.	Visual impacts minimized	Contractor ESO

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Performance indicator	Responsibility
		Loss of plants	1) Aerate compacted soil and check and correct pH for soils affected by construction activities. 2) Make sure plant material will be matured enough and hardened off ready for planting. Water in plants immediately as planting proceeds. 3) Apply mulch to conserve moisture Plant according to the layout and planting techniques specified by the Landscape Architect in the Landscape Development plans for the site.	Landscaping done according to landscape development plan	Landscape architect Contractor
		Spread of weeds	Ensure that materials used for mulching and topsoil/ fertilisers are certified weed free. Collect certifications where available. Control weed growth that appears during construction.	Weed growth controlled	Landscape architect Contractor

4.3 Operational Phase

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Responsibility
SITE CLEAN UP AND PREPARED FOR USE	Storm water pollution	Do not allow any materials to wash into the storm water system.	Remove erosion and sediment controls only if all bare soil is sealed, covered or re-vegetated. Sweep roadways clean and remove all debris from kerb and gutter areas. Do not wash into drains.	Contractor
		Minimise waste	Decontaminate and collect waste in storage area ready for off-site recycling or disposal. Arrange for final collection and removal of excess and waste materials.	Contractor
MATERIALS FAILURE	Structural damage. Loss of site materials.		Inspect all structures monthly to detect any cracking or structural problems. Confirm with designer if there are design problems. Rectify with materials to match, or other agreed solution.	Contractor
DRAINAGE FAILURE	On-site and downstream drainage pollution or flooding	Storm water management plan	Inspect all site drainage works and repair any failures. Confer with design engineer and to correct site problems.	Contractor

TYPE	Environmental risk or issue	Objective or requirement	Mitigation measure	Responsibility
SITE AUDIT	Eventual project failure	Successful project establishment	Routinely audit the works and adjust maintenance schedule accordingly.	Contractor
GEOLOGY	Erosion of topsoil	Prevent topsoil erosion	Due to lose topsoil, the soil must be covered by means of re-seeding and vegetation with suitable ground covering.	Engineer / Contractor /
			A risk management plan must be designed and implemented. After completion it will become the responsibility of the Owners' Association. Infrastructure and ground-surface monitoring should be integral part of the risk management plan. Maintenance checks of infrastructure, the inspection of buildings, and the detection and repair/remediation of leaking services are amongst the tasks that will need to be undertaken at local council level. Findings should be recorded and entered into a database. Inspectors need to be aware or educated as to what to look for (ponding of water, cracks in the ground). Inspectors should be aware of the procedures to be followed in the event of an emergency.	Dolomite risk management plan compiled

5 Procedures for environmental incidents

5.1 Leakages & spills

- Identify source of problem.
- Stop goods leaking, if safe to do so.
- Contain spilt material, using spills kit or sand.
- Notify Environmental Control Officer
- Remove spilt material and place in sealed container for disposal (if possible).
- Environmental Control Officer to follow Incident Management Plan.

5.2 Failure of erosion/sediment control devices

- Prevent further escape of sediment.
- Contain escaped material using silt fence, hay bales, pipes, etc.
- Notify ECO.
- Repair or replace failed device as appropriate.
- Dig/scrape up escaped material; take care not to damage vegetation.
- Remove escaped material from site.
- ECO to follow Incident Management plan.
- Monitor for effectiveness until re-establishment.

5.3 Bank/slope failure

- Stabilize toe of slope to prevent sediment escape using aggregate bags, silt fence, logs, hay bales, pipes, etc.
- Notify ECO.
- ECO to follow Incident Management plan.
- Divert water upslope from failed fence.
- Protect area from further collapse as appropriate.
- Restore as advised by ECO.
- Monitor for effectiveness until stabilized.

5.4 Discovery of rare or endangered species

- Stop work.
- Notify ECO.
- If a plant is found, mark location of plants.
- If an animal, mark location where sighted.
- ECO to identify or arrange for identification of species and or the relocation of the species if possible.
- If confirmed significant, ECO to liaise with Endangered Wildlife Trust.
- Recommence work when cleared by ECO.

5.5 Discovery of archeological or heritage items

- Stop work.
- Do not further disturb the area.
- Notify ECO.
- ECO to arrange appraisal of specimen.
- If confirmed significant, ECO to liaise with National, Cultural and History Museum.
P.O. Box 28088
SUNNYSIDE
0132
Contact Mr. J. van Schalkwyk

or
Mr. Naude

- Recommence work when cleared by ECO.

6 EMP review

1. The Site supervisor is responsible for ensuring the work crew is complying with procedures, and for informing the work crew of any changes. The site supervisor is responsible for ensuring the work crew is aware of changes that may have been implemented by GDARD before starting any works.
2. If the contractor cannot comply with any of the activities as described above, they should inform the ECO with reasons within 7 working days.

