



environment, forestry & fisheries

Department:
Environment, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	14-12-16-3-1-7-95AM3
NEAS Reference Number:	DEA/EIA/
Date Received:	05/11/2020

Application for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

PROJECT TITLE

Amendment of the R5 pipeline phase two Environmental Authorization for pipeline route re-alignment of approximately 2KM at Woodhill Golf Estate in Tshwane Metropolitan Municipality.

Indicate if the **DRAFT** report accompanies the application

Yes
No

YES

PRE-APPLICATION CONSULTATION

Was a pre-application meeting held	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Date of the pre-application meeting	Thu 08/10/2020. Time 10:00			
Reference number of pre-application meeting held	2020-09-0024			
Was minutes compiled and submitted to the Department for approval	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

A copy of the pre-application meeting minutes must be appended to this application as **APPENDIX 1**.

Kindly note the following:

1. This form must be used to apply for the Amendment of an Environmental Authorisation where this Department is the Competent Authority. An amendment includes:
 - a) adding, substituting, removing or changing a condition or requirement of an Environmental Authorisation, or
 - b) updating or changing any details or correcting a technical error.
2. This form is current as of **October 2020**. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. An application fee is applicable (refer to **Section 2**). Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for in the Fee Regulations is applicable AND such information in the exclusion section of this application form has been confirmed by this Department.
4. A cover letter on your company letterhead indicating the nature of this application must be appended to this form i.e. new application for Environmental Authorisation, updated application for Environmental Authorisation.
5. An electronic copy of the signed application form must be submitted of both the Applicant and EAP.
6. This form must be marked "**for Attention: Chief Director: Integrated Environmental Authorisations**" and submitted to the Department at the format as prescribed in the process to upload documents form.
7. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format

and will extend automatically when each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).

8. Where applicable black out the boxes that are not applicable in the form.
9. The use of the phrase "not applicable" in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the rejection of the application as provided for in the Regulations.
10. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
11. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.
12. Please note that this form must be copied to the relevant Provincial Environmental Department(s).
13. Certified copy/ies of the Environmental Authorisation and all subsequent Amendments thereto, if applicable must be attached to this application as **APPENDIX 2**. Should a certified copy/ies of the Environmental Authorisation and subsequent Amendments thereto not be available an original commissioned Affidavit/Affirmation under oath undertaken by the must be appended to this application form.
14. An application for Amendment of the Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.

Departmental Details

Online Submission:

EIAApplications@environment.gov.za or <https://sfiler.environment.gov.za:8443/>.

Please read the process for uploading files to determine how files are to submitted to this Department.

Postal address:

Department of Environment, Forestry and Fisheries
Attention: Chief Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environment, Forestry and Fisheries
Attention: Chief Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:
Email: EIAAdmin@environment.gov.za

1. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:

Reason(s) in terms of S24C of NEMA:

Department of Environmental Affairs

MEC with the concurrence of the Minister, must identify the competent authority responsible for granting environmental authorisations in respect of those activities(d) is undertaken, or is to be undertaken, by- (ii) a provincial department responsible for environmental affairs or any other organ of state performing a regulatory function and reporting to the MEC; or

2. FEES

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof of payment or a motivation for exclusions must be attached as **APPENDIX 3** of this application form.

Proof of payment	<input type="checkbox"/>
Exclusion applies	<input checked="" type="checkbox"/>

An applicant is excluded from paying fees if:

- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	<input type="checkbox"/>
The applicant is an organ of state	<input checked="" type="checkbox"/>

FEE AMOUNT	Fee
Application for an Amendment of an Environmental Authorisation	R2 000

Department of Environment, Forestry and Fisheries banking details for the payment of application fees:

Payment Enquiries:

Email: eiafee@environment.gov.za

Banking details:

ABSA Bank

Branch code: 632005

Account number: 1044 2400 72

Current account

Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude

eg. -33.918861/18.423300

Status: Tax exempted

3. GENERAL INFORMATION

Name of the Applicant:	RAND WATER		
RSA Identity/ Passport Number:			
Name of contact person for applicant (if other):	Gail Andrews		
RSA Identity/ Passport Number:	6702210066085		
Responsible position, e.g. Director, CEO, etc.:	Manager: Environmental Authorisation and Compliance		
Company/ Trading name (if any):	Rand Water		
Company Registration Number:	2001/029882/08		
BBBEE status:	Level 3		
Physical address:	522 Impala Road, Glenvista , Johannesburg, 2000		
Postal address:	P.O.Box 1127 Glenvisa, Johannesburg,		
Postal code:	2000	Cell:	082 389 0312
Telephone:	011 724 9360	Fax:	011 2108 900
E-mail:	gandrews@randwater.co.za		
Name of the landowner:	Rand Water board pipeline servitude		
Name of contact person for landowner (if other):	Gail Andrews		
Postal address:	P.O.Box 1127 Glenvisa, Johannesburg		
Postal code:	2000	Cell:	082 389 0312
Telephone:	(011) 724 9360	Fax:	011 2108 900
E-mail:	gandrews@randwater.co.za		
Name of Person in control of the land:	Woodhill golf estate		
Name of contact person for person in control of the land:	Jack van der Merwe - Chairperson		
Postal address:	P O Box 66060, WOODHILL,		
Postal code:	0076	Cell:	
Telephone:	(012) 998 0011	Fax:	
E-mail:	reception@woodhill.co.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **APPENDIX 4**.

Certified copy/ies of the Environmental Authorisation and subsequent Amendments thereto, if applicable must be attached to this application as **APPENDIX 2**. Should a certified copy/ies of the Environmental Authorisation and subsequent Amendments thereto not be available an original commissioned Affidavit/Affirmation under oath undertaken by the must be appended to this application form

Provincial Environmental Authority:	Gauteng Department of Agriculture and Rural Development		
Name of contact person:	Tebogo Leku		
Postal address:	P.O. Box 8769, Johannesburg		
Postal code:	2000	Cell:	
Telephone:	011 240 3377	Fax:	011 333 1000
E-mail:	Tebogo.leku@gauteng.go.za		

Local Municipality:	City of Tshwane		
Name of contact person in (Environmental Section)	Rudzani Mukheli		
Postal address:	PO Box 6338 Pretoria		
Postal code:	0001	Cell:	079 958 0360
Telephone:	012 358 8731	Fax:	012 358 8934
E-mail:	rudzanim@tshwane.gov.za		

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/Provincial Authorities with their contact details as Error! Reference source not found..

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	Taktho Environmental Strategy CC		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	1	Percentage Procurement recognition 100%
EAP name:	Takalani Muavha		
EAP Qualifications:	BA Honours Geography and Environmental Management		
Professional affiliation/registration:	IAIA. IWMSA		
Physical address:	32 Constantia Village, Poplar Avenue, Roodepoort West, 1724		
Postal address:	P.O.BOX 73995, Fairland,		
Postal code:	2030	Cell:	072 741 6494
Telephone:	011 067 0193	Fax:	086 552 7900
E-mail:	takalani@takenviro.co.za		

The appointed EAP must meet the requirements of Regulation 13 of GN R982 of 04 December 2014, as amended.

If appointed, the declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **APPENDIX 5**

STRATEGIC INFRASTRUCTURE PROJECTS

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 	
SIP 2: Durban-Free State-Gauteng logistics and industrial corridor	

<ul style="list-style-type: none"> Strengthen the logistics and transport corridor between SA's main industrial hubs Improve access to Durban's export and import facilities Integrate Free State Industrial Strategy activities into the corridor New port in Durban Aerotropolis around OR Tambo International Airport. 	
SIP 3: South-Eastern node & corridor development <ul style="list-style-type: none"> New dam at Mzimvubu with irrigation systems N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape A manganese sinter (Northern Cape) and smelter (Eastern Cape) Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
SIP 4: Unlocking the economic opportunities in North West Province <ul style="list-style-type: none"> Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure Enabling reliable supply and basic service delivery Facilitate development of mining, agricultural activities and tourism opportunities Open up beneficiation opportunities in North West Province. 	
SIP 5: Saldanha-Northern Cape development corridor <ul style="list-style-type: none"> Integrated rail and port expansion Back-of-port industrial capacity (including an IDZ) Strengthening maritime support capacity for oil and gas along African West Coast Expansion of iron ore mining production and beneficiation. 	
SIP 6: Integrated municipal infrastructure project Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.	
SIP 7: Integrated urban space and public transport programme Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.	
SIP 8: Green energy in support of the South African economy Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.	
<i>Indicate capacity in MW:</i>	
SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.	
<i>Indicate capacity in MW:</i>	
SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.	
SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment,	

small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.	
SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.	
SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.	
SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.	
SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infraco fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.	
SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.	
SIP 17: Regional integration for African cooperation and development Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%. The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.	
SIP 18: Water and sanitation infrastructure A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation. The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.	

**PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT
SELECTED.**

APPENDIX 6.

5. DETAILS OF IMPLEMENTATION OF PREVIOUS ENVIRONMENTAL AUTHORISATION

Was the activity commenced with during the validity period of the environmental authorisation? If yes, please describe the implementation of the previous environmental authorisation to date:	YES	NO
R5 bulk water pipeline for a 2km section of pipe at Woodhill Estate. Attached documents three and four is commencement notification and the areas where work has commenced within the first 2Km at the Bromberg conservancy area, the work was for search and rescue of Vegetation along the golden Mole route		

6. AMENDMENTS APPLIED FOR AND RELATED INFORMATION

Please indicate if the amendment being applied for falls within the ambits of a Part 1 of Part 2 amendment, as outlined in Chapter 5 of the EIA Regulations, 2014 as amended.

Part 1	Part 2

Please note, that whilst this has been indicated, the Department will when acknowledging receipt agree or disagree with the amendment being applied for, and the process to be followed must be that as outlined in the official acknowledgement letter.

Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114?	YES	NO
Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?	YES	NO
Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	NO
Did you attached the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP	YES	NO

If **YES**, is selected:

- For an application in terms of GN 113 and/or 114, then a map confirming this must be attached;
- For a SIP project, kindly indicate which SIPs are applicable in **APPENDIX 5** and **attach the** confirmation of SIP applications from the relevant sector representative in **APPENDIX 5**. Should no proof be provided, the application will be considered as a normal EIA Application.

Please indicate which of the following is relevant:

6.1. The holder of an environmental authorisation may at any time apply to the relevant Competent Authority for the amendment of the authorisation if:

(a) there is a material change in the circumstances which existed at the time of the granting of the environmental authorisation;	YES	NO
(b) there has been a change of ownership in the property and transfer of rights and obligations must be provided for; or	YES	NO
(c) any detail contained in the environmental authorisation must be amended, added, substituted, corrected, removed or updated.	YES	NO

Describe the amendments that are being applied for:
Rand Water want to amend the current environmental authorization, to permit Rand Water to lay the R5 pipeline phase two within the Rand Water servitude at Woodhill Estate. The realignment of the pipeline at Woodhill Estate from the Environmental Authorisation approved deviation (0.62 km) to the preferred alignment within the Rand Water servitude (1.16 km).

Please provide the reasons and/or a motivation for the application for amendment:

To note is that, It was proposed that the pipeline remain within the existing servitude for the majority of the alignment with the exception to Rietvlei Nature Reserve and Woodhill Golf Estate (Who encroached to the Rand Water registered existing servitude with the their greens) where deviations from the original servitude were proposed due to the environmental and social sensitivities of these areas.

The attached document (EA) under specific conditions number 3.1.C explain the deviation at Woodhill estate.

It must be noted that the servitude was an alternative of the pipeline route. The problem is that the pipeline has to go back to the Rand Water registered servitude, as such will require new land acquisition which takes time and is also deemed as a wasteful expenditure by treasury.

The other issue is that the pipeline is not pressured but is using gravity for the movement of the water inside the pipe.

The project is proposed in order to supply the peak water demands, whilst maintaining a positive pressure and flow velocity of less than 2.5m/s. where the deviation was proposed at Woodhill there is an Eskom power line that cannot be disturbed or be relocated to allocate the pipeline and is an encroachment on an existing Eskom servitude.

The tender for the R5 phase two pipeline has been issued with Four contractors and the actual pipeline construction is planned to continue now mid-March 2019.

The Environmental Authorisation approved a deviation of the pipeline route (C, as per– Figure 1) at Woodhill Estate (outside of Rand Water's registered servitude). An amendment of the EA is crucial in order to align the pipeline within Rand Waters servitude at Woodhill Estate. The Authorised preferred alignment will deviate from the proposal in the Woodhill Golf Estate by being aligned around the golf fairways and greens since these have been developed on top of the existing servitude." The approved route as per the current approved deviation at Woodhill Golf Estate is depicted in Figure 1 as the pink line. The proposed amended alignment into the Rand Water servitude is depicted by the redline.

The environmental authorization of 12 June 2013, which Rand Water obtained from GDARD, to lay the proposed R5 pipeline is subject to some approved deviations outside of Rand Waters servitude, one being at Woodhill Golf Estate. Rand Water seeks to lay the full length of pipeline (except for the 9km section at Rietvlei Nature Reserve) within its servitude area without any deviations. Therefore, an application to the Department of Environment Affairs (Competent Authority for Rand Water) needs to be lodged for the approximate 2 km section at Woodhill Golf estate for the proposed re-alignment of the pipeline into Rand Water existing registered servitude. Rand Water did not receive the approval from City of Tshwane when trying to register the new servitudes that was Authorised by this Environmental Authorisation, thus has led into Rand Water having to go back to the existing Servitudes. Other factor is that the pipeline is being gravitated and the deviation outside the servitude will affect pressure and according to treasury, going outside the existing servitude is deemed as a wasteful expenditure for the procurement of a new servitude.

During December 1997, Rand Water acquired and registered the notarial deed of servitude remainder of portion 484 of the farm Garsfontein 374, measuring 2, 5887 hectares in extent negotiated with City of Tshwane. A copy of the notarial deed of servitude is attached herein as Annexure "A"

2.2 At the time of registration of the servitude, there were no residential property and the Woodhill Country Estate as now appears, even the golf fairways and greens which ultimately developed.

2.3 In terms of the conditions of the notarial deed of servitude, Rand Water was thereby, for itself, its successor in title or assigns, given and granted the rights in perpetuity to convey and transfer water as per the statutory defined primary activity and public function over the remainder of the described portion 484. Such conveyance of water is by means of pipelines already laid underground on the strip of land and further pipelines which may be laid in the future, depending on future need and demand.

2.4 The full length of the servitude within the Estate, is 1.6 kilometres long, which translates into 1.634.1 metres, its width is 16 metres, plus 2 metres on each side, which adds an extra four (4) metres in terms of clause 2 of the servitude. That comprises the entire range of the registered servitude.

2.5 As holder and possessor of the servitude, Rand Water is entitled to peaceful and undisturbed possession of the servitude. Is entitled to an unrestricted access to the servitude area, and to do all such acts for the proper exercise of its rights and powers as enshrined by the provisions of the Constitution of the Republic of South Africa, 108 of 1996 ('the Constitution') sections 27(1) and (2) that:

<p>"27(1) Everyone has the right to have access to—</p> <p>... (b) sufficient food and water; (c) ...</p> <p>(2) The state must take reasonable legislative and other measures, within its available resources, to achieve the progressive realisation of each of these rights."</p> <p>2.6 Directly in line with the relevant provisions of the Constitution the, bill of rights, the Water Services Act or the Act, also provides in section 3, for the right of access to basic water supply and basic sanitation, inter alia that everyone has a right of access to basic water supply and basic sanitation, every water services institution must take reasonable measures to realise these rights, every water services authority must, in its water services development plan, provide for measures to realise these rights.</p> <p>2.7 Together with the rights granted in perpetuity, Rand Water is granted a right to lay or carry through under, over, on or across the property, that is portion 484 of the farm Garsfontein, along the strip and from time to time to patrol, inspect, maintain, repair, remove and relay such pipelines, together with the necessary valves, corks, meters boxes, cables, and all other accessories in connection therewith. Any or all of which may be above and/or below the ground level, and to build, repair and renew all embankments on which may now or hereafter be laid or constructed, as may be necessary, together with all such rights of way, rights of ingress to and egress from the property, as may be required and necessary for any of the purposes described and for due and proper exercise of the rights granted to it.</p> <p>2.8 In terms of clause 2 of the notarial deed, there shall be no structures erected, parking allowed, trees planted or material place or deposited on or over the strip, or within 2 metres thereof, and the depth of cover over the pipeline shall not be materially altered, without written consent from Rand Water as the holder of the servitude.</p> <p>2.9 Rand Water having laid its pipeline and registered the servitude over the strip of land, in the exercise of its statutory obligations and powers, has not thereafter, approved the development of or construction of structures within the servitude area. It did not, and has never given any other person or party its consent, for the development of the servitude area, or the placement or construction of structures of whatever nature.</p> <p>2.10 Rand Water as the holder of the servitude thereby is granted limited real rights over the strip of land as defined. It is thus conferred with an entitlement to perform all such acts which are necessary for the proper exercise of its functions, obligations, entitlement and rights.</p> <p>Based on the city of Tshwane's spatial development framework, the population growth has increased in the past years and this has affected the water supply to Bronkhorstspuit, Cullinan and some part of Mamelodi areas. The current water demand for Bronkhorstspuit is 54.6 M/d while the total water available is 46.3Ml/d. Due to this, there is a shortage in water supply to Region 7 (Bronkhorstspuit areas) as water supply capacity already running at minus (-8.3 Mt/d)</p> <p>According to the water resources master plan, an additional Rand Water pipeline from the Rand Water Bronberg system is required to augment additional supply of water into the Region and it all depends on the implementation of the proposed Rand Water pipeline for effective service delivery to the community.</p> <p>Attached is the City of Tshwane Master plan and the proposed cost estimates. It is recorded that implementation of this pipeline is extremely urgent.</p>
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<p>Should the amendment being requested result due to 6.1 (b) above, you are required to furnish the Department with a written undertaking that the new holder of the environmental authorisation is willing and able to assume responsibility of the environmental authorisation issued. Provide a short motivation and explanation below:</p>
<p>N/A</p>

7. ENVIRONMENTAL IMPACTS

Describe any negative environmental impacts that may occur if the application for amendment is granted, amongst others information on any increases in air emissions, waste generation, discharges to water and impacts of the natural or cultural environment must be included.

Construction activity within the existing Rand Water servitude at the Woodhill Golf Estate will have the social and economic impact on the Woodhill Golf Estate.

The following are potential environmental impacts that may result if the amendment application is granted:

- Social Impact: Some of the green playing section of the golf course area will have to be temporary closed during the pipeline laying. Some infrastructure that was constructed very close to the Servitude line might be affected and will have to be removed. There is financial investment that was incurred by the Woodhill Golf Estate during the green playing section, tar road, pavement, swimming pool, and building structures planning and construction. Woodhill Golf Estate will have lost the financial investment where they have built within the servitudes areas.
- Loss of income by Woodhill Golf Estate during the construction period as there will be some destruction in some areas of the green playing section.
- Herpetofauna: Transformation and disturbance of a very small area of natural habitat as well as the potential for any fauna found on site to be unintentionally killed by workers.
- Mammals: Impacts that may be experienced include the following: Reduction of suitable habitat through habitat destruction; Habitat fragmentation; Noise pollution and ground vibrations; Intentional killing or hunting of animals; Death of a proportion of small mammals by direct physical damage, through earth moving equipment. Increase in runoff and pollution which may adversely affect the down-slope drainage line. Illegal harvesting of plant or animal species.
- Invertebrates: Habitat disturbance of the small mammals
- Flora: The servitude will be cleared of all vegetation (95% of which is the Golf course greens). Impacts that may be experienced include the following: Disturbance of small area that is used for recreational activity.
- Surrounding environment: There is the potential for pollution of the surrounding environment with regards to the incorrect disposal of waste (domestic, construction and demolishing waste).
- Traffic: The realignment of the pipeline will result in an increased movement of heavy machinery and trucks
- Soil contamination may occur as a result of accidental spills, leakages from poorly sealed containers, spillages during the handling of hazardous material, poorly maintained equipment as well as the incorrect disposal of hazardous waste on site.
- Loss of soil fertility: This may be as a result of the clearance of vegetation from site, excavation and stockpiling of topsoil, compaction caused by machinery onsite and an increase in erosion.
- Air quality: The upgrade of the pipeline will result in the clearing of vegetation from the site as well as bulk earth moving activities. These activities may result in an increase in the volume of dust generated in the area.
- along the access road. The change in route alignment as per the requested amendment shall not change the impacts already identified in the BAR and mitigated in the approved EMPr.

Cultural and Heritage: No cultural or heritage significance were identified along the servitude.

Describe any negative environmental impacts that may occur if the application for amendment is not granted.

- Rand water pipeline are useful for transportation of water for domestic and commercial towards different areas over a long distance therefore if the application for amendment is not granted the supply of water to different areas will be affected due rejection of alternative servitude by Tshwane Metropolitan municipality.
- No upgrade of pipeline will be constructed
- Rand water will have challenges to supply enough water to the communities and new township
- Water supply crisis will increase due to high demand as a results of population growth
- It will be difficult to fix the pipeline and it will not function properly to serve its objective purpose
- Local economy will be highly affected due to lack of supply of water
- There will be lots of community protest due lack of water supply services
- If the proposed pipeline, follow the existing servitude there will be minimal environmental impact on Woodhill Golf Estate. The medium impact that will occur will be the social impacts as some parts of the golf course greens, swimming pool and parts of houses have been built within the servitudes.
- These migratory measures have been incorporated into a comprehensive Environmental Management Plan

<p>Describe any positive environmental impacts that may occur if the application for amendment is granted, amongst others information on any reduction in the ecological footprint, air emissions, waste generation and discharges to water must be included.</p> <p>f the proposed pipeline, follow the existing servitude there will be very minimal environmental impact on Woodhill Golf Estate. The medium impact that will occur will be the social impacts as there is a golf greens, swimming pool and houses that have been built within the servitudes identified for the alternative alignment will have a Medium to Low significance as all existing and predicted impacts can be reduced to within acceptable levels through the implementation of specific mitigation measures which are in line with legislative and policy requirements and objectives.</p> <p>These migratory measures have been incorporated into a comprehensive Environmental Management Plan. The R5 steel pipeline will be underground next to the existing pipeline, within the existing servitude. The top cover will be rehabilitated concurrent with the backfilling of the trenches.</p> <p>The site has been transformed from the natural state, the land cover of the site is the Golf course green, pavement, Tar road and concrete material and this will automatically reduce the natural ecological footprint that will be destructed.</p> <p>The ecological impact and footprint shall be limited to the Rand Water servitude for both constructions of the R5 pipeline and future maintenance works for both the R5 pipeline and R1 pipeline in comparison to separate footprints for the R1 pipeline (Rand Water servitude). Further the R5 pipeline will be laid in a previously disturbed footprint.</p> <p>Should the approval be received for the Rand Water R5 pipeline to be routed within the existing Rand Water servitude, Rand Water shall install the R5 pipeline and undertake maintenance on the R1 at the same time to minimize the cumulative impact.</p> <p>The following negative potential environmental impacts shall be avoided should the amendment application be granted: Soil contamination:</p> <p>Soil contamination may occur as a result of accidental spills, leakages from poorly sealed containers, spillages during the handling of hazardous material, poorly maintained equipment as well as the incorrect disposal of hazardous waste on site. Mitigation: All storage tanks containing hazardous materials must be placed in bunded containment areas with sealed surfaces. The bund wall must be high enough to contain 110% of the total volume of the stored hazardous material with an additional allocation for potential stormwater events. Any hazardous substances must be stored at least 20m from any of the water bodies on site.</p> <p>Loss of soil fertility: This may be as a result of the clearance of vegetation from site, excavation and stockpiling of topsoil, compaction caused by machinery onsite and an increase in erosion. Mitigation: All erosion control mechanisms need to be regularly maintained. Seeding of topsoil and subsoil stockpiles to prevent wind and water erosion of soil surfaces. Retention of vegetation where possible to avoid soil erosion Vegetation clearance should be phased to ensure that the minimum area of soil is exposed to potential erosion at any one time. Re-vegetation of disturbed surfaces should occur immediately after the construction activities are completed. No impediment to the natural water flow other than approved erosion control works is permitted.</p> <p>Air quality: The upgrade of the pipeline will result in the clearing of vegetation from the site as well as bulk earth moving activities. These activities may result in an increase in the volume of dust generated in the area, during construction. Mitigation: Dust suppression must be implemented always through spraying water in the area that has potential for dust during construction phase. Retention of vegetation where possible will reduce dust travel. Excavations and other clearing activities must only be done during agreed working times to avoid drifting of sand and dust into neighbouring areas. The Contractor shall be responsible for dust control on site to ensure no nuisance is caused to the Landowner or neighbouring Communities. A speed limit of 40km/h must not be exceeded on dirty roads. Any complaints or claims emanating from the lack of dust control shall be attended to immediately by the Contractor.</p>
--

Surface water quality: Removal of green playing section will lead to an increase in erosion. Any spilt hazardous materials will contribute to this form of pollution which may be transported within the site Boundary.

Mitigation: The site must be managed in order to prevent pollution of drains, downstream watercourses or groundwater, due to suspended solids, silt or chemical pollutants.

Temporary cut of drains and berms may be required to capture stormwater and promote infiltration.

Herpetofauna: Transformation and disturbance of natural habitat as well as the potential for any fauna found on site to be intentionally or unintentionally killed by workers during construction.

Mammals: Impacts that may be experienced include reduction of suitable habitat through habitat destruction; Habitat fragmentation;

Mitigation: During construction activities; wherever possible work should be restricted to one area at a time and the trench area. This will give smaller birds, mammals, reptiles and amphibians an opportunity to move into undisturbed areas close to their natural habitat. The Developer must ensure that no faunal species are disturbed, trapped, hunted or killed during the construction phase.

Where practical, termite mounds, dead trees, branches, loose rocks, leaf and organic litter should be left undisturbed as these special niches provide essential foraging, roosting and nesting sites for numerous animal species.

Noise pollution and ground vibrations;

Noise and vibration due to construction activities and personnel working on site.

Mitigation: The personnel on site should behave in appropriately manner. The machinery and vehicles used on site should be kept in good condition. Limit construction activities as far as possible to working hours, i.e. 7am – 5pm weekdays, excluding public holidays. Should after hours work take place nearby resident should be notified. No loud music to be allowed on site.

Increase in runoff and pollution which may adversely affect the down-slope drainage line;

Flora: The servitude will be cleared of all vegetation

Mitigation: Activities should be restricted to the current servitude in order to minimise disturbances to the adjacent grassland areas. All alien invasive vegetation should be removed from the servitude.

It is recommended that pollutant and contaminants from the proposed pipeline upgrade should not result in habitat degradation of the associated drainage line.

Surrounding environment: There is the potential for pollution of the surrounding environment with regards to the incorrect disposal of waste (domestic, construction and hazardous) along the construction area.

Mitigation: Construction rubble shall be disposed of in pre – agreed, demarcated spoil dumps that have been approved by the relevant Municipality.

Sufficient waste bins must be provided at the construction site for different types of waste disposal and for recycling purposes.

Refuse bins must be placed at strategic positions to ensure that litter does not accumulate within the construction site.

Traffic: The upgrade of the pipeline will result in an increased movement of heavy machinery and trucks along the access road.

Mitigation: Where roads have very high traffic volumes and can be classed as roads with a collection, distribution or mobility function, the pipeline is to be constructed by jacking it underneath the road. This will reduce the impacts on traffic flow.

It is recommended that where necessary alternative routes must be established for the traffic to use while the road is closed during construction.

Cultural and Heritage: none identified

8. AUTHORISATION FROM OTHER GOVERNMENT DEPARTMENTS

Are any permission, licenses or other authorisations required from any other departments before the requested amendments can be effected?	YES	NO
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If yes, please complete the table below.


Name of department and contact person	Authorisation required	Authorisation applied for (Yes/ No)
N/A		No

9. RIGHTS OR INTERESTS OF OTHER PARTIES

In your opinion, will this proposed amendment adversely affect the rights and interests of other parties?	YES	NO
<p>Please provide a detailed motivation of your opinion.</p> <p>Rand Water requires use of the servitude to lay a further pipeline within the servitude, to cater for the increasing demand of water supply, owing to increasing population growth and township developments or spatial developments and the general growth of the region.</p> <p>There is a court case currently underway. Randwater have decided to take legal action against the Woodhill Gold Estate to resolve the issues of the servitudes. Some of the houses and associated structures were built on top of the Randwater Servitudes. Some parts of the golf course green playing sections have also been built onto the Randwater Servitudes. Rand Water have initially tried to minimise the social impact that Woodhill Gold Estate has caused by looking at the alternative options that could work. The alternative that was viable and that was Authorised on the Environmental Authorisation has proven not to work due to power line and provincial road adjacent the proposed alternative and Rand water tried registering this servitude with no success.</p> <p>City of Tshwane did not approve the registration of the proposed servitudes due to other adjacent power line and provincial road reasons. a number of encroachments over the servitude, in that a number of properties, either through perimeter fences, swimming pools, including the actual buildings of some houses, were constructed in such a way that they encroached into the servitude area. All such encroachments encountered are constructed and laid along the breadth and width of the servitude, within the Estate. Directly interferes with Rand Water's rights, entitlement, duties, powers, functions and obligations that it must exercise, in terms of the Act. Importantly, no person may in terms of section 82 unlawfully and intentionally or negligently, interfere with any water services work. The instant encroachment at the Estate has interfered with Rand Water's services work and significantly with its obligations.</p>		

NOTE: The Department is entitled to request further information if it believes it is necessary for the consideration of the application. If the application is for a substantive amendment or if the rights or interests of other parties are likely to be adversely affected, the Department will instruct the applicant to conduct a public participation process and to conduct any investigations and assessments that it deems necessary.

10. LIST OF APPENDICES

		SUBMITTED	
APPENDIX 1	Copy of the pre-application meeting minutes	YES	NO
APPENDIX 2	Certified copy/ies of the Environmental Authorisation and all subsequent Amendments thereto or original commissioned Affidavit/Affirmation under oath	YES	NO
APPENDIX 3	Proof of Payment / Motivation for exclusion	YES	NO
APPENDIX 4	List of land owners (with contact details) and land owners consent	YES	NO
APPENDIX 5	Strategic Infrastructure Projects	YES	NO
APPENDIX 5 STRATEGIC INFRASTRUCTURE PROJECTS	Declaration of independence of the EAP and undertaking under oath or affirmation, if appointed		
SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project • Rail capacity to Mpumalanga and Richards 			
		YES	NO

<p>Bay</p> <ul style="list-style-type: none"> • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 			
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA's main industrial hubs • Improve access to Durban's export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport. 			
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which 			

<p>improves access into KwaZulu-Natal and national supply chains</p> <ul style="list-style-type: none"> • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 				
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and 				

<p>basic service delivery</p> <ul style="list-style-type: none"> • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province. 				
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation. 				
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation</p>				

<p>bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>				
<p>SIP 7: Integrated urban space and public transport programme Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>				
<p>SIP 8: Green energy in support of the South African economy Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan</p>				

<p>(IRP2010) and support bio-fuel production facilities.</p> <p>Indicate capacity in MW:</p>				
<p>SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p> <p>Indicate capacity in MW:</p>				
<p>SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development</p>				


to leverage off regulatory approvals, supply chain and project development capacity.				
SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.				
SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish				

hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.				
SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce				

overcrowding.				
SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.				
SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infraco fibre networks across provinces linking districts, establish				

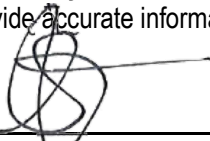
<p>POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p>				
<p>SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>				
<p>SIP 17: Regional</p>				

<p>integration for African cooperation and development</p> <p>Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%. The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>				
<p>SIP 18: Water and sanitation infrastructure</p> <p>A 10-year plan to address the estimated backlog</p>	X			

<p>of adequate water to supply 1.4m households and 2.1m households to basic sanitation. The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>			
<p>PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT SELECTED. APPENDIX 6</p>			

11. DECLARATION

I, **Jimmy Maluleke**, declare that I will comply with all my legal obligations in terms of this application and provide accurate information to everyone concerned in respect to this application.



Signature of the Applicant:

Randwater

Name of Company or Organisation:

05 November 2020

Date:

APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES

Ref	Main issues, decisions and actions	Assignee Deadlines
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**R5 RAND WATER - AMENDMENT OF THE R5 PIPELINE PHASE TWO ENVIRONMENTAL
AUTHORIZATION FOR PIPELINE ROUTE RE-ALIGNMENT OF APPROXIMATELY
2KM AT WOODHILL GOLF ESTATE IN TSHWANE METROPOLITAN MUNICIPALITY**

Minutes of meeting Professionals held on Microsoft Teams, on 8 October 2020 from 10:00 – 11:00am

Present:

Thulisile Nyalunga (TN), Department of Eenvironment, Forestry and Fisheries

Fiona Grimett (FG), Department of Environment, Forestry and Fisheries

Sindiswa Dlomo (SD), Department of Environment, Forestry and Fisheries

Thokozani Masilela (TM), Randwater

Virosha Singh (VS), Randwater

Takalani Muavha (TM), Taktho Environmental Strategy

Wenny Lekaba (WL), Taktho Environmental Strategy

Apologies

Ephron Maradwa (EM), Department of Environment, Forestry and Fisheries

Gail Andrews (GA), Randwater

Nomkhosi Mohlahlo (NM), Randwater

Mmule Raditsela (MR), Randwater

AGENDA

1. Opening
2. Attendance Register
3. Status of current Environmental Authorisations
4. Amendment of Environmental Authorisations

Ref	Main issues, decisions and actions	Assignee Deadlines
-----	------------------------------------	-----------------------

5. Competent Authorities clarity (I&AP request why DEFF whereas RoD was issued by

GDARD)

6. Amendment of Environmental Authorisations Versus New application for Basic Assessment

7. Application Process

8. Public Participation Process – Objections Received from Woodhill Estate

9. Questions and answers

10. Other matters

11. Conclusion and Way Forward

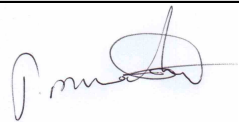
MINUTES

Ref	Main issues, decisions and actions
1	Welcome and Opening
1.1	TM welcomed all participants to the meeting.
2	Attendance Register
2.1	Attendance Register was marked and apologies made for those who could not attend.
3	Status of the current Environmental Authorisations
3.1	The current R5 pipeline environmental authorisation was approved. It was agreed that the application of a new amendment is not needed.
4	Amendment of Environmental Authorisations
4.1	It was agreed that there is no need for new basic assessment application. Randwater with the assistance of the Environmental Assessment Practitioner (EAP) can proceed through with the amendment application.
5	Competent Authorities clarity (I&AP request why DEFF whereas RoD was issued by GDARD)

Ref	Main issues, decisions and actions	Assignee Deadlines
5.1	<p>The EAP was referred to National Environmental Management Act, 1998 (Act No. 107 of 1998). Chapter 5: Integrated Environmental Management. When listing or specifying activities in terms of section 24(2) the Minister, or an MEC with the concurrence of the Minister, must identify the competent authority responsible for granting environmental authorisations in respect of those activities</p> <p>(d) is undertaken, or is to be undertaken, by-</p> <p>(ii) a provincial department responsible for environmental affairs or any other organ of state performing a regulatory function and reporting to the MEC.</p>	
6	Amendment of Environmental Authorisations Versus New application for Basic Assessment	
6.1	<p>Sindiswa Dlomo explained that, it would not make sense for a new application of Basic Assessment, as It will require another Environmental Authorisation and Environmental Management Plan, which means that the project will have two (2) Authorisation. It was agreed that no new application for basic assessment was necessary and Construction has already started and nearing completion on some part of the project.</p>	
7	Application Process	
7.1	<p>It was indicated that the amendment process will be followed and the project documentation has to be concluded.</p>	
8	Public Participation Process – Objections Received from Woodhill Estate	
8.1	<p>The Environmental Consultant will have to apply for public participation process (PPP) plan approval before making an application. The consultant will have to submit the draft PP with amendments to the department.</p> <p>A 30-day PPP is still a requirement. The PPP can only commence after being approved.</p> <p>Another public participation is a requirement according to regulations, if the public participation is a year old. The environmental consultant already conducted the PPP a year ago and already has objectives from Woodhill Estate. It was agreed that the same public participation would be followed. The same advert will be used and the COVID 19 measures will be included. The new issues and past issues in the PP will have to be separated in order to show that a PPP was already done before.</p>	
9	Questions and answers	

Ref	Main issues, decisions and actions	Assignee Deadlines
9.1	<p>Randwater Project Manager- Virosha Singh wanted to know the timelines of the project and when the amendment issues will be resolved in order for the project to be faster.</p> <ul style="list-style-type: none"> The timelines will only be known after the environmental consultant submits the final report of the PPP and approved by the Department. 	
10	Other matters	
10.1	<ul style="list-style-type: none"> Send the Draft Public Participation Plan as soon as possible. Application form will have to be send with a copy of minutes. 	
11	Conclusion and Way Forward	
11.1	The EAP must send the draft of Public Participation Plan before the end of the day in order to get it approved the following day. This will allow the PPP to start as early as next week.	

Minutes accepted and signed by representatives of the participants as a correct record of the proceedings.

Name	Surname	Date	Signature
Takalani	Muavha	10 October 2020	

APPENDIX 2
CERTIFIED COPY/IES OF THE ENVIRONMENTAL AUTHORISATION AND ALL SUBSEQUENT AMENDMENTS
THERE TO OR ORIGINAL COMMISSIONED AFFIDAVIT/AFFIRMATION UNDER OATH



From:

To:00119002108

12/06/2013 16:34

#446 P.001/008

**GAUTENG PROVINCE**AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICADiamond Corner Building, 68 Eloff & Market Street, Johannesburg
P O Box 8769, Johannesburg, 2000

Telephone: (011) 355-1900

Fax: (011) 333-1000

Website: <http://www.gdard.gpg.gov.za>**FAX COVER SHEET**

Receiver's Details		Sender's Details	
To:	Leslie Hoy	From:	Teboho Leku
Company:	Rand Water	Section:	EPIA
Fax no.	(011) 900 2108	Floor:	13 th Floor Glencairn Building
Tel no.	(011) 724 9350	Tel:	(011) 355-1628
Date:		Pages:	08 including cover page
SUBJECT:	Gaut: 002/13-14/E0045 DUPLICATION OF THE VLAKFONTEIN (BENONI)-MAMELODI WATER SUPPLY PIPELINE WITHIN THE EXISTING SERVITUDE. PHASE 2: FROM THE SOUTHERN BOUNDARY OFF THE RIETVLEI NATURE RESERVE TO MAMELODI.		

CC: City of Tshwane Metropolitan Municipality

Attn: Rudzani Mukheli

Fax: 012 358 8934

Aurecon South Africa (Pty) Ltd

Attn: Ryan Nawn

Fax: 086 766 1473



GAUTENG PROVINCE
 AGRICULTURE AND RURAL DEVELOPMENT
 REPUBLIC OF SOUTH AFRICA

Environmental Authorisation

Authorisation register number:

Gaut 002/13-14/E0045

Holder of authorisation:

Rand Water

Location of activity:

Southern boundary of Rietvlei Nature Reserve to
 Mamelodi (Phase 2)

EK SERTIFISEER DAT HIERDIE 'N WARE AFDRUK (KOPIE) IS VAN DIE
 OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE
 IS EK SERTIFISEER VERDER DAT VOLGENS MY WAARNEMINGS, DAAR NIE 'N
 WYSIGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT
 AANGEBRING IS NIE
 I CERTIFY THAT THE DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE
 ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I
 FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A
 CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

HANDTEKENING/SIGNATURE *F.M. Chilokane*
 RANG. *W/O*
 RANK
 MAGSNUMMER *2695182-7*
 FORCE NUMBER
 NAAM IN DRUKSKRIF *F.M. CHILOANE*
 NAME IN PRINT



GDARE
 Office of the RDP

00-12

000011

Department of Agriculture and Rural Development
Environmental Authorisation Reg. No. Gaut 002/13-14/E0045

1. Decision

The Department is satisfied, on the basis of information available and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake the activity specified below.

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

2. Activities authorised

By virtue of the powers conferred by the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) and the Environmental Impact Assessment Regulations, 2010, the Department hereby authorises-

Rand water
522 Impala Street
Glenvista
2085

GDARD
Office of the HOD

13 -06- 7 2 0 0 0 1 1

Attn: Mr. Leslie Hoy
Tel: (011) 724 9350
Fax: (011) 900 2108

to undertake the following activities (hereafter referred to as "the activities") –

the proposed duplication of 27 km long water pipeline, routed adjacent to the existing Rand water servitudes, from southern boundary of Rietvlei Nature Reserve to Mamelodi indicated as "Preferred Alignment" listed activities 1(k) of Government Notice 386 of 2006 which falls under the jurisdiction of the City of Tshwane Metropolitan Municipality.

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

3. Conditions

3.1 Specific conditions

- a. Authorisation is granted for the proposed duplication of 27 km long water pipeline, routed adjacent to the existing Rand water servitudes, from southern boundary of Rietvlei Nature Reserve to Mamelodi. The pipeline will have internal diameter of 0.8 – 1.5 meters whilst maintaining the positive pressure and flow velocity of less than 2.5 m/s. The preferred alternative alignment will be divided into the following sections:
 - i. Section 1: Rietvlei Nature Reserve
 - ii. Section 2: Rietvlei Nature Reserve to Garsfontein Road
 - iii. Section 3: Garsfontein Road to Bronberg
 - iv. Section 4: Bronberg to Six fountains
 - v. Section 5: Six Fountains to Savannah Country Estate
 - vi. Section 6: Savannah Country Estate to Mamelodi
- b. Section 3 of the preferred alignment must traverse the Bronberg along the existing servitude.
- c. The preferred alignment will also deviate from the proposal in the Woodhill Golf Estate by being aligned around the golf fairways and greens since these have been developed on top of the existing servitude.
- d. Recommendations contained in the following studies must be adhered to
 - i. Biodiversity survey and wetland delineation within sensitive environments identified along Phase 2 of the proposed Vlaktefontein to Mamelodi bulk water pipeline duplication project. With reference no: 103701
 - ii. Surface Watercourse Assessment by LER Grobler dated August 2010
 - iii. Site investigation reports: Rough-Haired Golden Mole (*Chrysospalax villosus*) & Juliana's Golden Mole (*Neamblysomus Juliana*)- Rietvlei Nature reserve & Bronberg

Department of Agriculture and Rural Development
Environmental Authorisation Reg. No. Gaur 002/13-14/E0045

- iv. Assessments of impacts on birds by Andrew McKechnie
- v. Invertebrate Survey by Peter G. Hawkes
- vi. Heritage Impact Assessment by P. D. Birkholtz
- e. Conditions of the letters (Eskom dated 25 November 2011 and Gauteng Department of Roads and Transport dated 07 February 2012) must also be adhered to.

3.2 Management of the activity

The Environmental Management Programme ("EMPr") as well as the Traffic Management Plan submitted as part of the application for environmental authorisation must be implemented.

3.3 Site closure and decommissioning

Should the activities authorised be closed or decommissioned at some stage, the applicant must, at his/her own expense ensure that all areas transformed due to these activities are rehabilitated to original natural state or to the satisfaction of this Department.

3.4 General conditions

- a) Conditions of this authorisation are binding on the holder of the authorisation, including any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the authorisation.
- b) The activity which is authorised may only be carried out at the property indicated above.
- c) Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the Regulations.
- d) This activity must commence within a period of five (5) years from the date of issue. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
- e) This authorization does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of this activity.
- f) If the proponent anticipates that commencement of the activities would not occur within five (5) year period, he/she must apply and show good cause for an extension of the Environmental Authorization six (6) months prior to its expiry date.
- g) This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.
- h) A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
- i) Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address, the applicant must notify the Department as soon as the new details become known to the applicant.
- j) The holder of the authorisation must notify the Department, in writing and within twenty four (24) hours, if conditions under 3.1 to 3, 4 above cannot be or is not adhered to. In all other cases, the holder of the authorisation must notify the Department, in writing, within seven (7) working days if all other conditions of this authorisation are not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance. Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 (as amended) and the regulations.

Office of the R0D

From:

To:00119002108

12/06/2013 16:35

#446 P.005/008

Department of Agriculture and Rural Development
Environmental Authorisation Reg. No. Gaut 002/13-14/0045

4 Appeal of authorisation

- a) The holder of the authorisation must notify all registered interested and affected party, in writing and within 12 days of receiving notice of the Department's decision to authorise the activity.
- b) The notification referred to above must –
- specify the date on which the authorization was issued;
 - inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the regulations; and
 - advise the interested and affected party that a copy of the authorisation and reasons for the decision will be furnished on request.

Date of environmental authorisation: 12 June 2013



Ms Priscilla Pietersen
Acting Head: Agriculture and Rural Development

Date: 12 June 2013

Office of the HOD

13 -06- 12

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SIGN & RET

Annexure 1: Reasons for Decision

1. Background

The applicant, Rand Water applied for authorisation to undertake the following activities- the proposed duplication of 27 km long water pipeline, routed adjacent to the existing Rand water servitudes, from southern boundary of Rietvlei Nature Reserve to Mamelodi indicated as "Preferred Alignment" listed activities 1(k) of Government Notice 386 of 2006 which falls under the jurisdiction of the City of Tshwane Metropolitan Municipality.

The applicant appointed Aurecon South Africa (Pty) Ltd to undertake a Basic Impact Assessment Process.

2. Information considered in making the decision

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

- a) The information contained in the Basic Assessment Report received by the Department on 19 April 2013;
- b) Relevant information contained in the Departmental information base including -
 - GIS;
 - C-Plan version 3.3; and
 - GAPA 3
- c) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended).
- d) The findings of the site inspection undertaken by officials of this Department, Rand Water, Rietvlei Nature Reserve and Aurecon.

3. Key factors considered in making the decision

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

- a) The duplication of the Vlakkfontein (Benoni) - Mamelodi water supply pipeline: Phase 1 (25km) from Vlakkfontein in Ekurhuleni to the Southern boundary of Rietvlei Nature Reserve has already been authorised by this Department.
- b) The need to provide for the supply during peak water demands.

4. Findings

GDARD
Office of the HOD

13.06.12 000011

After consideration of the information and factors listed above, the Department made the following findings -

- a) Relevant stakeholders, interested and affected parties were adequately notified of the proposed activity. Objections were raised however they were adequately addressed.
- b) Phase 1 (25km) from Vlakkfontein in Ekurhuleni to the Southern boundary of Rietvlei Nature Reserve has already been authorised by this Department.
- c) Rand Water's obligation to meet water demands in Mamelodi.
- d) Relevant activities were applied for as per the Environmental Impact Assessment Regulations, 2006.

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

From:

To: 00119002108

12/06/2013 16:36

#446 P.007/008



GAUTENG PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

Reference: Gaut 002/13-14/E0045
Enquiries: Teboho Leku
Telephones: 011 355 1628
E-mail: Tebo.Leku@gauteng.gov.za

Rand water
522 Impala Street
Glenvista
2085

Attn: Mr. Leslie Hoy

Tel: (011) 724 9350
Fax: (011) 900 2108

PER FACSIMILE/REGISTERED MAIL

Dear Sir

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: DUPLICATION OF THE VLAKFONTEIN (BENONI)-MAMELODI WATER SUPPLY PIPELINE WITHIN THE EXISTING SERVITUDE. PHASE 2: FROM THE SOUTHERN BOUNDARY OF THE RIETVLEI NATURE RESERVE TO MAMELODI.

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

In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2010, you are instructed to notify all registered interested and affected parties, in writing and within 12 calendar days of the date of this letter, of the Department's decision in respect of your application as well as the provisions regarding the making of appeals that are provided for in the regulations.

Your attention is drawn to Chapter 7 of the Regulations which regulates appeal procedures. Should you wish to appeal any aspect of the decision, you must, *inter alia*, lodge a notice of intention to appeal with the MEC, within 20 calendar days of the date of this letter, by means of one of the following methods:

By facsimile: (011) 333 0620;
By post: P.O. Box 8769, Johannesburg 2000; or
By hand: 1st Floor, Diamond Corner Building, 68 Eloff Street, Johannesburg.

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

Yours faithfully

Ms. Priscilla Pietersen
Act. Head: Agriculture and Rural Development

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I CERTIFY THAT THE DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

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MAGSNOMMER 2095182-7
FORCE NUMBER

NAAM IN DRUKSKRIF F.M. CHILCANE
NAME IN PRINT

GDARD
Office of the HOD

13-00-12

000017

SIGN & RETURN

Website: www.gdard.gpg.gov.za

From:

To:00119002108

12/06/2013 16:36 #446 P.008/008

CC: Aurecon South Africa (pty) Ltd

Attn: Ryan Nawn

Fax: 086 766 1473

City of Tshwane Metropolitan Municipality

Attn: Rudzani Mukheli

Fax: (012) 358-8934

Compliance

Fax: (011) 355-1850

GDARD
Office of the HOD

13 -06- 12 0 0 0 1 1



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko, Arcadia· PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/17/95/AM1

Enquiries: Ms Dakalo Netshombo

Telephone: (012) 399 8877 E-mail: DNetshombo@environment.gov.za

Mr Leslie Hoy
Rand Water
522 Impala Road
GLENVISTA
2058

Telephone Number: (011) 724 9350
Email Address: lhoy@Rand.Water.co.za

SOUTH AFRICAN POLICE SERVICE
CLIENT SERVICE CENTRE
2020 - 11 - 07
GERMISTON
SUID - AFRIKAANSE POLISIEDIENS

PER EMAIL / MAIL

Dear Mr Hoy

AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION (EA) ISSUED ON 12 JUNE 2013 FOR THE DUPLICATION OF THE VLAKFONTEIN (BENONI)-MAMELODI WATER SUPPLY PIPELINE WITHIN THE EXISTING SERVITUDE. PHASE 2: FROM THE SOUTHERN BOUNDARY OF THE RIETVLEI NATURE RESERVE TO MAMELODI

The Environmental Authorisation (EA) issued for the abovementioned application by the Department of Agriculture and Rural Development (GDARD) on 12 June 2013, your application for amendment of the EA and the draft Environmental Impact Assessment Report (DEIAR) received by the Department on 12 April 2018, the acknowledgement letter dated 22 April 2018 and the final report received on 06 June 2018, refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014, as amended has decided to amend the EA dated 12 June 2013 as follows:

Amendment to increase authorised pipeline diameter for 9km section from the southern boundary to Rietvlei Nature Reserve to Delmas Road (R50)

From:

800 mm to 1500 mm pipeline diameter

To:

1700 mm to 2000 mm pipeline diameter

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I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT, FROM MY OBSERVATIONS, AN AMENDMENT OR CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

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MAGS NOMMER 092247413 RANG W/O
FORCE NUMBER RANK

NAAM IN DRUKSKRIF ED NIKUMBE
NAME IN PRINT

MS

The applicant applied to amend the pipeline diameter for 9km section from the southern boundary to Rietvlei Nature Reserve to Delmas Road (R50) in order to meet the water demand in the sturdy area.

This letter must be read in conjunction with the EA dated 12 June 2013.

In accordance with Regulation 4(2) of the NEMA, EIA Regulations, 2014 (as amended) you are instructed to notify all registered Interested and Affected Parties, in writing and within 14 (fourteen) days of the date of this amendment to the EA, of the Department's decision and that an appeal may be lodged against the decision in terms of the NEMA, National Appeals Regulations, 2014 and the provisions regarding the submission of appeals as contained in these Regulations.

Should any person wish to lodge an appeal against this decision, he/she must submit the appeal to the appeal administrator and a copy of the appeal to the Applicant, any registered Interested and Affected Party, and any organ of state with interest in the matter within 20 (twenty) days from the date that the notification of the decision was sent to the registered Interested and Affected Parties by the Applicant or the date that the notification of the decision was sent to the Applicant by the Department, whichever is applicable.

Appeals must be submitted in writing on the prescribed form to:

The Director: Appeals and Legal Review of this Department at the below mentioned addresses.

By email: appealsdirector@environment.gov.za

By hand: Environment House
473 Steve Biko,
Arcadia,
Pretoria,
0083; or

By post: Private Bag X 447,
Pretoria,
0001

Please note that in terms of Section 43(7) of the NEMA, the lodging of an appeal will suspend the EA or any provision or condition attached thereto. In the instance where an appeal is lodged, the Applicant may not commence with the activity until such time that the appeal is finalised.

To obtain the prescribed appeal form and for guidance on the submission of appeals, please visit the Department's website at https://www.environment.gov.za/documents/forms#legal_authorisations or request a copy of the documents by sending an e-mail to: appealsdirector@environment.gov.za.

Yours faithfully




Mr Sabelo Malaza

Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

Date: 10/09/2015

CC:	Ms J Bubala	Enviroolution Consulting(Pty) Ltd	Tel: (086) 444 4999	Email: jubilee@enviroolution.co.za
	Mr D Motaung	GDARD	Tel: (011) 240 2574	Email: Dan.Motaung@gauteng.gov.za

SOUTH AFRICAN POLICE SERVICE
CLIENT SERVICE CENTRE
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environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko, Arcadia· PRETORIA
Tel (+ 27 12) 399 9372

SOUTH AFRICAN POLICE SERVICE

CLIENT SERVICE CENTRE

2020 - 11 -07

GERMISTON

SUID - AFRIKAANSE POLISIEDIENS

DEA Reference: 14/12/16/3/17/69/AM1 (Gaut 002/13-14/E0045)

Enquiries: Ms Nyiko Nkosi


Tel: 012 399 9392 E-mail:nnkosi@environment.gov.za

Mr Lesley Hoy
Rand Water
PO Box 1127
JOHANNESBURG
2000

Email: lhoy@randwater.co.za

PER MAIL / EMAIL

Dear Mr Hoy

EK SERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS, DAAR NIE 'N WYSIGING OF VERANDERING DIE OORSPRONKLIKE DOKUMENT AANGEBRING IS NIE.	
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MAGS NOMMER FORCE NUMBER	0922474-2 RANG RANK
NAAM IN DRUKSKRIF NAME IN PRINT	
E. NKUMBE	

AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 12 JUNE 2013 FOR THE DUPLICATION OF THE VLAKFONTEIN (BENONI)-MAMELODI WATER SUPPLY PIPELINE WITHIN THE EXISTING SERVITUDE. PHASE 2: FROM THE SOUTHERN BOUNDARY OF THE RIETVLEI NATURE RESERVE TO MAMELODI, GAUTENG PROVINCE

The environmental authorisation (EA) issued by the Gauteng Department of Agriculture and Rural Development (GDARD) for the abovementioned application on 12 June 2013 and your application for amendment to the EA received by this Department on 31 May 2017 refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014, has decided to amend the EA dated 12 June 2013 and the Environmental Management Programme (EMPr) as follows:

Amendment 1 to the EA:

Condition 3.1 (d)(iii) of the EA, typed as:

"(d) Recommendations contained in the following studies must be adhered to:

iii. Site investigation reports: Rough-Haired Golden Mole (*Chrysospalax villosus*) & Juliana's Golden Mole (*Neamblysomus julianae*)-Rietvlei Nature Reserve & Bronberg"

Is hereby amended to:

"(d) Recommendations contained in the following studies must be adhered to:

iii. Site investigation reports: Rough-Haired Golden Mole (*Chrysospalax villosus*) & Juliana's Golden Mole (*Neamblysomus julianae*)-Rietvlei Nature Reserve & Bronberg". Rand Water is however entitled to appoint a Tertiary or Research Institute or a qualified specialist, in line with GDARD Biodiversity Assessment Guideline version 3 of 2014 with regards to mammal specialists namely: a Professional Natural Scientist in accordance with Natural Scientific Professions Act (No. 27 of 2003) within the field of Zoology and with the qualifications and experience relevant to mammal biology and conservation. The individual must also have recognised

expertise pertaining to the species in order to achieve and comply with the recommendations contained in the relevant reports.

Reason for the amendment:

The recommendations provided in the above-mentioned specialist reports are:

- Free access to the site for the research team from the University of Pretoria (led by Dr Sarita Maree and Prof Nigel C Bennet in an advisory capacity);
- Activities to promote migration of the golden mole must be exercised and monitored in conjunction with the University of Pretoria research team as soon as possible and must be exercised for at least six months during summer rainfall season; and
- When labourers encounter golden moles (or nests the CER or University of Pretoria Team must be summoned to remove the moles.

These recommendations, as per Condition 3.1 (d)(iii) of the EA, make reference to the sole use of the University of Pretoria as a golden mole specialist and further as the only research institution involved in the project.

Rand Water has tried to comply with this condition in collaboration with the University of Pretoria. The negotiations between Rand Water and the University have been extensive and timeous, however, to date, no common understanding has been found. Following extensive discussions and negotiations, Rand Water entered into a Memorandum of Understanding (MoU) with the University of Pretoria in 2015, which has since expired. In 2016, Rand Water started engaging with the University with regards to renewing the MoU. To date, the University of Pretoria have yet to come to an agreement on the terms and conditions of the MoU.

The project was due to commence with construction in May 2017 and the EA will expire on the 12 June 2018. Under the auspices of the 2015 MoU, the University of Pretoria research team have completed two full surveys and all fixed point surveys (above-ground) and further undertaken research related to the deterrent activities (Mole Chasers). One full survey still needs to be conducted as close as possible to the commencement of the construction phase, therefore until such time that the MoU is finalised, the University of Pretoria is unable to complete the above mentioned works. This would result in Rand Water being non-compliant with the conditions of the EA and EMPr

Rand Water has fulfilled its obligations with regards to the expired MoU in terms of provision of access to the site, purchase of required equipment and payment for services rendered thus far by the University of Pretoria

Further to above, Rand Water has concerns with regards to the University of Pretoria's Golden Mole specialist's ability to complete the required works as per the deliverables stated on the MoU due to personal / health issues and work commitments. This puts Rand Water in a vulnerable situation whereby noncompliance may occur due to specialist being unable to fulfil the deliverables of the MoU and conditions stated in the EA and EMPr.

Rand Water therefore requested the amendment of the above condition to allow them to appoint a suitably qualified specialist/tertiary or research institution that will be able to complete the required works as per the condition in the EA and the EMPr, should a resolution not be found between Rand Water and the University. The amendment request is not related to the management activities, only to the responsible person who will undertake these activities. Rand Water will additionally commit to making the research results available to the University of Pretoria for research purposes.

Amendments 1 - 4 to the EMPr: Provisions in the EMPr

Section 5.12 (page 26 – 27 of the EMPr) Bullet point 1, typed as:

- *Free access to the site for the research team from the University of Pretoria.*

Is hereby amended to:

- *Free access to the site for the research team from the identified Tertiary or Research Institute or a qualified specialist in line with GDARD Biodiversity Assessment Guidelines version 3 of 2014 with regards to mammal specialists namely: a Professional Natural Scientist in accordance with the Natural Scientific Professions Act (No. 27 of 2003) within the field of Zoology and with the qualifications and experience relevant to mammal biology and conservation and expertise pertaining to the species.*

Section 5.12 (page 26 - 27 of the EMPr), Bullet point 4, typed as:

- *Activities to promote migration of the golden mole must be exercised and monitored in conjunction with the University of Pretoria research team as soon as possible and must be exercised for at least six months during the summer rainfall season.*

Is hereby amended to:

- *Activities to promote migration of the golden mole must be exercised and monitored in conjunction with a Tertiary or Research Institute or a qualified specialist in line with GDARD Biodiversity Assessment Guidelines version 3 of 2014 with regards to mammal specialists namely: a Professional Natural Scientist in accordance with Natural Scientific Professions Act (No. 27 of 2003) within the field of Zoology and with qualifications and experience relevant to mammal biology and conservation and expertise pertaining to the species, and must be exercised for at least six months during the summer rainfall season.*

Section 5.12 (page 26 - 27 of the EMPr), Bullet point 5, typed as:

- *During the working period of Bronberg area, University of Pretoria specialist and the ECO will be on site every day, in order to monitor construction activities.*

Is hereby amended to:

- *During the working period of Bronberg area, a qualified specialist in line with GDARD Biodiversity Assessment Guidelines version 3 of 2014 with regards to mammal specialists namely: a Professional Natural Scientist in accordance with the Natural Scientific Professions Act (No. 27 of 2003) within the field of Zoology and with the qualifications and experience relevant to mammal biology and conservation and expertise pertaining to the species and the ECO must be on site every day, in order to monitor construction activities.*

Section 8.3 Site Specific requirements Bronberg (page 41 - 42 of the EMPr), Bullet point 19, typed as:

- *When labourers encounter golden moles, the CER or University of Pretoria Research Team must be summoned to remove the moles.*

Is hereby amended to:

- When labourers encounter golden moles, the CER or a Tertiary or Research Institute or a qualified specialist in line with GDARD Biodiversity Assessment Guidelines version 3 of 2014 with regards to mammal specialists namely: a Professional Natural Scientist in accordance with the Natural Scientific Professions Act (No. 27 of 2003) within the field of Zoology and with the qualifications and experience relevant to mammal biology and conservation and expertise pertaining to the species must be summoned to remove the moles.

Reason for the amendments:

The amendments to the EMPr are required to remove the reference to a sole service provider to undertake the required mitigation measures, as detailed in the specialist reports and EMPr, and in line with the approved amendment to the EA as per above.

This letter must be read in conjunction with the EA dated 12 June 2013.

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations, 2014 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) days of the date of the decision, of the Department's decision in respect of your application as well as the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations, and the provisions regarding the submission of appeals as contained in the Regulations.

Should any person wish to lodge an appeal against this decision, he/she must submit the appeal to the appeal administrator, and a copy of the appeal to the applicant, any registered interested and affected party, and any organ of state with interest in the matter within 20 days from the date that the notification of the decision was sent to the registered interested and affected parties by the applicant; or the date that the notification of the decision was sent to the applicant by the Department, whichever is applicable.

Appeals must be submitted in writing in the prescribed form to:

Mr Z Hassam, Director: Appeals and Legal Review of this Department at the below mentioned addresses.

By email: appealsdirector@environment.gov.za :

By hand: Environment House
473 Steve Biko,
Arcadia,
Pretoria,
0083; or

By post: Private Bag X447,
Pretoria,
0001

Please note that in terms of Section 43(7) of the National Environmental Management Act, 1998, the lodging of an appeal will suspend the decision or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

To obtain the prescribed appeal form and for guidance on the submission of appeals, please visit the Department's website at https://www.environment.gov.za/documents/forms#legal_authorisations or request a copy of the documents at appealsdirector@environment.gov.za


Yours faithfully



Mr Obopeng T Gaoraelwe
Acting Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

Date: 21/06/17

CC: Ms Boniswa Belot	GDARD	Email: Boniswa.Belot@gauteng.gov.za
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MAGS NOMMER FORCE NUMBER	0922474-2 RANG RANK W/O
NAAM IN DRUKSKRIF NAME IN PRINT	ED NKUMBE

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APPENDIX 3
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION

Department of Environment, Forestry and Fisheries

Attention: Chief Director: Integrated Environmental Authorisations

Environment House

473 Steve Biko Road

Arcadia

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:

Email: EIAAdmin@environment.gov.za

Attention: Chief Director: Integrated Environmental Authorisations

**MOTIVATION LETTER FOR AN APPLICANT THAT IS EXCLUDED FROM
PAYING FEES FOR THE AMENDMENT OF THE R5 PIPELINE PHASE TWO
ENVIRONMENTAL AUTHORIZATION FOR PIPELINE ROUTE RE-
ALIGNMENT OF APPROXIMATELY 2KM AT WOODHILL GOLF ESTATE IN
TSHWANE METROPOLITAN MUNICIPALITY.**

Taktho Environmental Strategy cc is appointed by Rand Water to apply for the Amendment of the R5 pipeline phase two Environmental Authorization for pipeline route re-alignment of approximately 2KM at Woodhill Golf Estate in Tshwane Metropolitan Municipality.

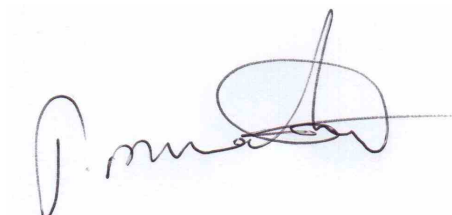
This letter serves as the motivation letter that an exclusion from payment of basic assessment/ Scoping and Environmental Impact Assessment fees applies. An organ of state qualifies to be exempted from the Environmental Impact Assessment application fees according to National Environmental Management Act 107 of 1998 ("NEMA"). Applicants must pay a fee for the processing of environmental impact assessment applications In terms of sections 24(5)(c), 24M and 44 the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA").

An applicant is excluded from paying fees if:

- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.
- This letter proof as a motivation for an exclusion from payment of basic assessment application fees, as this project is for an organ of state.

Should you require any further information please do not hesitate to contact the person below.

Kind Regards



Takalani Muavha

Taktho Environmental Strategy

E-mail: takalani@takenviro.co.za

Tel: +27 84 524 4308

Cell: +27 72 741 6494

Fax: +27 86 552 7900

Postal: P.O.BOX 73995, FAIRLAND, 2030

www.takenviro.co.za

We are listed on:

http://www.enviropaedia.com/company/default.php?pk_company_id=983

APPENDIX 4
LIST OF LAND OWNERS AND LAND OWNERS CONSENT

51484

RN3

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1A/160/15-



NOTARIAL DEED OF SERVITUDE

K7429/1997S

K1474 GARSTFONTEIN 374 JR-384+SERVE 89 & 9
PRETORIUSPARK X 1 (WOODHILL)

between :

CITY COUNCIL OF PRETORIA

and

RAND WATER BOARD

184.

PROPERTY:

REM of PTN 284, GARSTFONTEIN 374 ;



DYA&SON
PROKUREURS-ATTORNEYS

(012) 322-8600

TEL. (012) 322-8600


PO BOX/P.O. BOX 793 PRETORIA

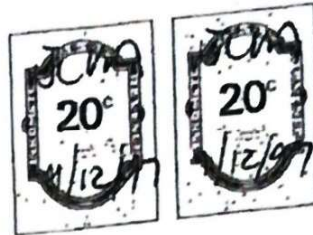
0001

(Ref. : MR OLIVIER/AO)

LA
CP

certify that the original hereof, which remains in my
stamps, to the value of R2.00.


NOTARY PUBLIC



GEREGISTREER - HIERDIE
REGISTERED THIS

Aktekantoor
Deeds Office
Pretoria


Asst. Registrateur van Aktes
Asst. Registrar of Deeds

K 7429197 S

PROTOCOL NO 184.

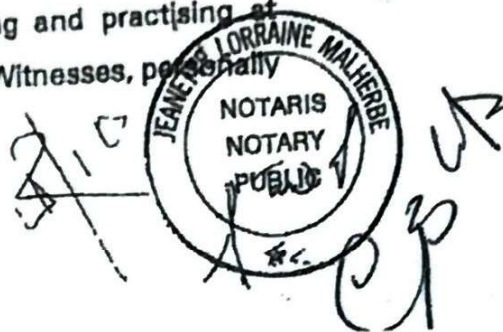
NOTARIAL DEED OF SERVITUDE

BE IT HEREBY MADE KNOWN

THAT on this the 9th day of DECEMBER, 1997, before me :

JEANETTE LORRAINE MALHERBE

Notary Public, duly admitted and sworn, residing and practising at
PRETORIA, and in the presence of the undersigned Witnesses, personally
came and appeared :



VICTOR JACOBUS SWANEPOEL

In his capacity as the duly authorised Agent, by virtue of a Special Power of Attorney, granted to him by :

1. ANDRIES HENDRIK ROOS
In my capacity, as CHIEF LEGAL ADVISOR of CITY COUNCIL OF PRETORIA, duly authorised thereto by virtue of a Resolution passed by the Council at PRETORIA on the 30th day of JANUARY, 1985 (as amended)

(hereinafter referred to as the "OWNER")

which Power of Attorney was signed at PRETORIA on the 9th day of DECEMBER, 1997.

and which Power of Attorney has today been exhibited to me the Notary, and reside in my Protocol ;

being the Registered Owner of :

REMAINDER of PORTION 284 of the Farm GARSTFONTEIN
374, Registration Division J R, Province
Gauteng ;

MEASURING 379,5603 (THREE SEVEN NINE comma FIVE
SIX NOUGHT THREE) Hectares ;

HELD by virtue of Deed of Transfer T 267



2. **AMBROSE NATHANIEL MANDLA LETLAPE**

in his capacity as GENERAL MANAGER - CORPORATE SERVICES of RAND WATER BOARD ("Rand Water"), a body incorporated under the provisions of the Rand Water Board Statutes (Private) Act, 1950 (17 of 1950, ("the Statutes"), he being duly authorised thereto in terms of a Resolution, passed by Rand Water on the 30th day of OCTOBER, 1997

(hereinafter referred to as "RAND WATER")

which Power of Attorney was signed at JOHANNESBURG on the 9th day of DECEMBER, 1997.

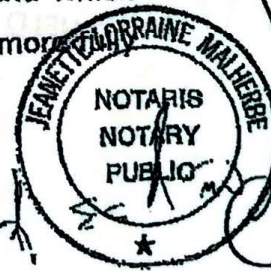
and which Power of Attorney has today been exhibited to me the Notary, and reside in my Protocol.

AND THE APPEARER DECLARED THAT :

WHEREAS the OWNER is the registered Owner of the hereinbefore-mentioned Property ;

AND WHEREAS, in pursuance of the powers conferred upon RAND WATER by the Statutes, RAND WATER has laid certain pipelines, and may lay further pipelines, across the hereinafter-mentioned Property, for the purpose of conveying water ;

AND WHEREAS the OWNER has agreed to grant RAND WATER a Servitude in perpetuity, in respect of pipelines already laid, and which may hereafter be laid by it, along a strip of ground, hereafter more described ;



**NOW THEREFORE THIS DEED WITNESSETH AND IT IS HEREBY AGREED
AS FOLLOWS :**

1. THE OWNER hereby gives and grants to RAND WATER for itself,
Its Successors-In-Title or Assigns, the rights in perpetuity, to
convey and transmit water over :

REMAINDER of PORTION 284 of the Farm GARSTFONTEIN
374, Registration Division J R, Province
Gauteng ;

MEASURING 379,5603 (THREE SEVEN NINE comma FIVE
SIX NOUGHT THREE) Hectares ;

HELD by virtue of Deed of Transfer T 26233/1978 ;

(hereinafter referred to as the "PROPERTY")

by means of pipelines already laid, and which may hereafter be
laid, along a strip of Ground, 2,5887 Hectares in extent, as
depicted by figure A B C D E F G H J K L M N P, on the annexed
Diagram S.G. No 9450/1992 ("the STRIP"), together with the
right in perpetuity, to lay or carry through, under, over, on or
across the PROPERTY, along the STRIP and from time to time
patrol, inspect, maintain, repair, remove and relay such pipelines,
together with the necessary valves, cocks, metres, boxes, cables
and all other accessories in connection therewith, any or all of
which may be above and/or below the ground level ("the
WORKS"), and to build, repair and renew all embankments, on
which the WORKS may now or hereafter be laid or constructed,
as may be necessary, together with all such rights of way



rights of ingress to and egress from the PROPERTY, as may be requisite and necessary, for any of the purposes aforesaid, and for the due and proper exercise of the rights hereby granted.

2. THERE shall be no structures erected, parking allowed, trees planted or material placed or deposited on or over the STRIP, or within 2 (TWO) Metres thereof, and the depth of cover over the pipeline shall not be materially altered, without written consent from RAND WATER, which consent shall not unreasonably be withheld.
3. NOTWITHSTANDING the terms of these presents, the OWNER shall have the right of cultivating the soil within the STRIP, for agricultural purposes, and be allowed to retain the existing structures, consisting of light metal frames, covered with shade netting, over the STRIP, provided that in so doing he shall not in any way damage the WORKS or interfere with the rights of RAND WATER as aforesaid, but except for such cultivation the OWNER shall not disturb the ground within the STRIP.
4. RAND WATER shall not be liable for any damage to crops, agricultural produce or other property, within the STRIP, as a result of the exercise by RAND WATER, its Contractors and its or their servants of the powers hereby conferred upon RAND WATER.
5. RAND WATER undertakes not to fence the STRIP, but if RAND WATER so desires, suitable gates, to be provided by RAND WATER, free of cost, shall be erected.



- (a) BY RAND WATER, at points where the STRIP is crossed by existing fences.
- (b) BY the OWNER, at points where the STRIP is crossed by fences, which may hereafter be erected. Such gates shall be maintained in good order and condition by the OWNER.

SUCH gates shall be kept locked by RAND WATER, but the OWNER shall, if he so desires, be provided with keys therefore.

6. THE OWNER shall not, save as hereinafter provided, be entitled to nor shall he permit others to carry on any mining or other underground operations, for the mining and getting of minerals under the STRIP, or within such distance thereof, as may in any way endanger, damage or injure the works, provided, however, if in the opinion of the Regional Director of the Department of Mineral and Energy Affairs, mining or other underground operations can be carried out, without endangering, damaging or injuring the WORKS, then mining or other underground operations may be carried on under or adjacent to the STRIP, in accordance with the provisions of the Minerals Act, 1991, and the Regulations framed thereunder, or any amendments or laws passed in substitution thereof.

7. IN the event of the Regional Director of Mineral and Energy Affairs, deciding that mining or other underground operations, as set out in the immediately preceding clause, may be carried on, subject to the OWNER leaving under and adjacent to the STRIP a safety pillar or pillars of such dimensions, as shall be determined by the Regional Director of the Department of Mineral and Energy Affairs, then the OWNER shall not be entitled to construct



haulage and/or ventilation roads or tunnels or other heading through any such safety pillar or pillars, except with the express consent of RAND WATER, in writing, and subject to such conditions as RAND WATER and the Regional Director of the Department of Mineral and Energy Affairs may require, but the consent of RAND WATER shall not, however, be unreasonably withheld.

8. THE terms of this Agreement shall not prejudice in any way the rights conferred upon RAND WATER by the Statutes and any other law, and the rights hereby granted shall be deemed to be in addition to RAND WATER'S statutory rights and not in substitution thereof.
9. RAND WATER agrees to pay the OWNER the sum of R90 604,00 (NINETY THOUSAND SIX HUNDRED AND FOUR RAND) in consideration of the rights hereby given, and in full and final satisfaction of any claim, which the OWNER may have against RAND WATER, in respect of the WORKS, which RAND WATER has already constructed, and which RAND WATER may construct in future, in terms of this Agreement, and the exercise from time to time by RAND WATER, within the STRIP, of rights conferred upon it by this Agreement and the Statutes, and any damage or loss, which the OWNER has suffered or may suffer hereby.
10. PAYMENT of the aforesaid sum shall be made to the OWNER, within 10 (TEN) working days, after this Servitude is registered in the office of the Registrar of Deeds, against the Title Deed of the PROPERTY.



11. THIS Servitude shall be registered against the Title Deed of the PROPERTY, and the Costs of and incidental to such registration and of and incidental to the preparation of the Deed, together with the Cost of any survey necessary, and the Cost of preparation of the necessary Diagrams and of obtaining the approval thereof, shall be payable by RAND WATER.

THUS DONE and EXECUTED at PRETORIA on the day, month and year first aforewritten, in the presence of the subscribing competent Witnesses, and of me, the Notary Public.

AS WITNESSES :

1. [Signature]

q.q.

[Signature]
OWNER

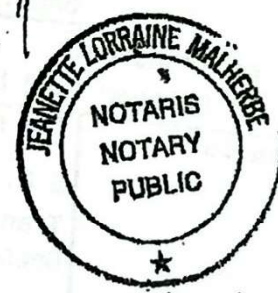
2. [Signature]

q.q.

[Signature]
COUNCIL

QUOD ATTESTOR,

[Signature]
NOTARY PUBLIC



[Signature]

[Signature]
CP

SERVITUDE DIAGRAM

SERVITUDE DIAGRAM

S.G. No. 4

9450/1992

Approved

For
SURVEYOR-
GENERAL

1992-12-09

Servitude

SIDES
Metres

ANGLES OF
DIRECTION

CO-ORDINATES
System: LQ29° X

Constants:

AB
BC
CD
DE
EF
FG
GH
HJ
JK
KL
LM
MN
NP
PA

331.10
315.66
131.80
476.36
152.55
210.69
16.01
215.33
152.67
472.65
134.02
311.84
330.98
16.64

206 34 40
239 15 30
232 59 00
223 23 20
258 26 20
222 36 00
314 29 50
42 36 00
78 26 20
43 23 20
52 59 00
59 15 30
26 34 40
132 29 40

A
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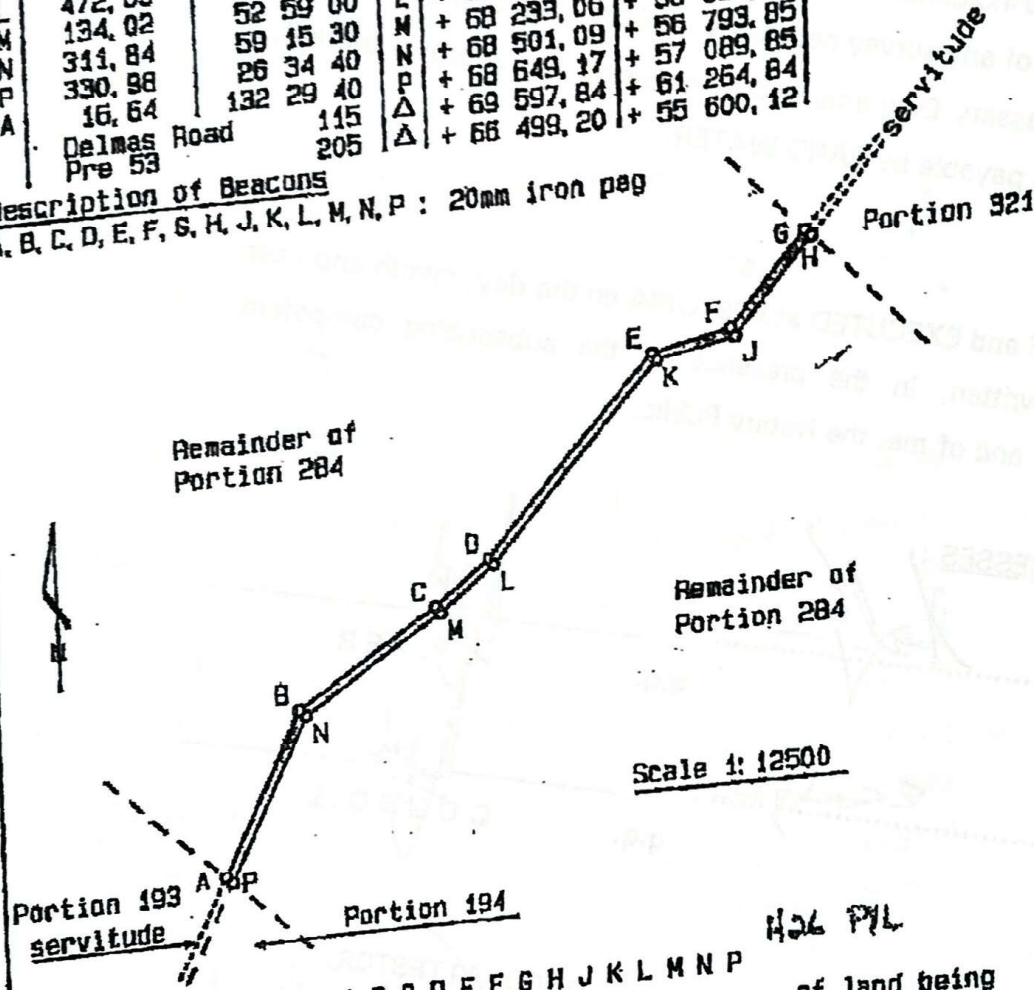
+ 68 661.44
+ 68 513.30
+ 68 241.99
+ 68 136.75
+ 67 809.52
+ 67 660.06
+ 67 517.45
+ 67 506.03
+ 67 651.79
+ 67 801.36
+ 68 126.05
+ 68 233.06
+ 68 501.09
+ 68 649.17
+ 69 597.84
+ 68 499.20

2800 060.00
+ 57 078.61
+ 56 782.49
+ 56 621.14
+ 56 541.79
+ 56 195.62
+ 56 165.05
+ 56 009.96
+ 56 021.18
+ 56 179.69
+ 56 210.28
+ 56 553.76
+ 56 634.45
+ 56 793.85
+ 57 089.85
+ 61 264.84
+ 55 600.12

Delmas Road
Pre 53

Description of Beacons

A, B, C, D, E, F, G, H, J, K, L, M, N, P: 20mm iron peg



The figure represents

2.5887 hectares
SERVITUDE AREA OVER THE REMAINDER OF
PORTION 284 of the farm
GARSTFONTEIN No 374-JR.

Province of Transvaal

Surveyed in October 1992 by me

J.B. Schumacher
Professional Land Surveyor

This diagram is
annexed to
No.

d.d.

i.f.o.

Registrar of Deeds

The original diagram is

S.G. No. A 5322/1970

Transfer T 9650/1972

Grant

File -/84

S.R. 3555/1992

G.P.

Comp. JRSA-217.218

JRSA-215

215 1-74.7.9/1975


Doc. FILE 5/1975

CP

APPENDIX 5 STRATEGIC INFRASTRUCTURE PROJECTS

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 	
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA’s main industrial hubs • Improve access to Durban’s export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport. 	
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and basic service delivery • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province. 	
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation. 	
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	
<p>SIP 8: Green energy in support of the South African economy</p> <p>Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p>	

Indicate capacity in MW:	
SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.	
Indicate capacity in MW:	
SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.	
SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.	
SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.	
SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.	
SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.	
SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infraco fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.	
SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.	
SIP 17: Regional integration for African cooperation and development Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.	

<p>The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p>SIP 18: Water and sanitation infrastructure A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation. The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	

PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT SELECTED.

RW32
RW23



Utility Services

Water and Sanitation

Room A704 | 7th Floor | Capitol Towers North | 225 Madiba Street | Pretoria | 0002
PO Box 1022 | Pretoria | 0001
Tel: 012 358 7763/7 | Fax: 012 358 4684
Email: Amatdala@tshwane.gov.za | www.tshwane.gov.za | www.facebook.com/CityOfTshwane

My ref: WM/8/1/5
Your ref: Proposed Bronberg/R5 Pipeline
Contact: Cecilia Mkhatshe
Email: cecilia.mkhatshe@tshwane.gov.za
Section/Unit: Planning and Regulation Management

Tel: 012 358 3149
Fax: 012 358 1820
Email: cecilia.mkhatshe@tshwane.gov.za
Date: 12 April 2017

MEMORANDUM

TO: Mr Samuel Molekwa
Project Manager
Rand Water Head Office
522 Impala Road
GLENVISTA
2058

CITY OF TSHWANE METROPOLITAN MUNICIPALITY (CAPACITY PLANNING AND DEMAND MANAGEMENT): PROPOSED BRONBERG/R5 PIPELINE

Your email dated 11 April 2017 refers.

The proposed Rand Water Bronberg/R5 pipeline is supported by City of Tshwane: Water and Sanitation Division.

Based on the City of Tshwane's Spatial Development Framework, the population growth has increased in the past years and this has affected the water supply to Bronkhorstspuit, Cullinan and some part of Mamelodi areas. The current water demand for Bronkhorstspuit is 54.6 Ml/d while the total water available is 46.3 Ml/d. Due to this, there is a shortage in water supply to Region 7 (Bronkhorstspuit areas,) as water supply capacity already running at minus (-8.3 Ml/d).

According to the Water Resources Master Plan, an additional Rand Water pipeline from the Rand Water Bronberg system is required to augment additional supply of water into the region and it all depends on the implementation of the proposed Rand Water pipeline for effective service delivery to the community.

Attached is the City of Tshwane's Master plan and the proposed cost estimates. It is recorded that implementation of this pipeline is extremely urgent.

Regards

[Signature]
S.M. Molekwa

ACTING GROUP HEAD: UTILITY SERVICES

On request, this document can be provided in another official language.

Utility Services • Water Supply • Sanitation • Wastewater • Stormwater • Planning and Regulation Management • Engineering • Finance • Human Resources • Information Technology • Legal • Procurement • Public Works • Safety and Security • Training and Development • Environmental Management • Health and Safety • Quality Management • Research and Innovation • Communications • Corporate Governance • Internal Audit • External Audit • Legal Services • Regulatory Affairs • Policy Development • Strategic Planning • Performance Management • Risk Management • Sustainability • Social and Environmental Reporting • Public Participation • Transparency and Accountability • Data Management • Information Systems • Cybersecurity • Disaster Management • Crisis Management • Emergency Services • Infrastructure Development • Urban Planning • Land Use Management • Heritage and Cultural Affairs • Sports and Recreation • Arts and Culture • Tourism • Economic Development • Small Business Development • Social Housing • Affordable Housing • Public Transport • Road Transport • Air Transport • Maritime Transport • Space Transport • Energy Services • Environmental Protection • Natural Resource Management • Biodiversity Conservation • Climate Change Adaptation and Mitigation • Disaster Preparedness and Response • Emergency Management • Crisis Communication • Public Information • Media Relations • Public Affairs • Government Relations • International Relations • Diplomacy • Consular Services • Passport and Visa Services • Citizenship Services • Immigration Services • Border Management • Customs and Excise • Tax Services • Revenue Collection • Social Security • Pensions and Retirement Services • Unemployment Insurance Fund (UIF) Services • Workers' Compensation • Occupational Health and Safety • Labour Relations • Trade Unions • Employers' Associations • Skills Development • Vocational Training • Higher Education • Research and Development • Innovation and Entrepreneurship • Intellectual Property • Copyright • Patents • Trademarks • Industrial Design • Geographical Indications • Plant Variety Rights • Semiconductor Rights • Database Rights • Software Copyright • Design Rights • Performance Rights • Copyright Clearance Center (CCC) • Creative Commons Attribution (CC BY) License • Creative Commons Attribution-NonCommercial (CC BY-NC) License • Creative Commons Attribution-ShareAlike (CC BY-SA) License • Creative Commons Zero (CC0) License • Public Domain • Open Access • Open Source • Open Data • Open Government • Open Science • Open Education • Open Research • Open Innovation • Open Business • Open Society • Open World • Open Future

LA
P3

**APPENDIX 6
DECLARATION OF THE EAP**

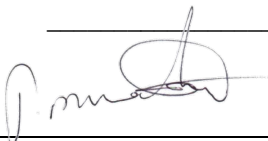
I, Takalani Muavha, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I will take into account, to the extent possible, the matters listed in Regulation 14 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

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

NONE



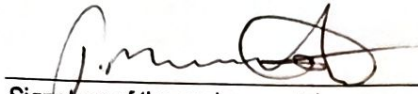
Signature of the environmental assessment practitioner

Name of company: **Taktho Environmental Strategy**

Date: 06 November 2020

UNDERTAKING UNDER OATH/ AFFIRMATION

I, Takalani Muavha, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



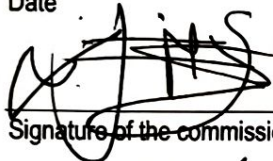
Signature of the environmental assessment practitioner

Taktho Environmental Strategy

Name of company

06 November 2020

Date



7218039-9
C87 J.H. SIBANGU

Signature of the commissioner of oaths

06/11/2020

Date

SOUTH AFRICAN POLICE SERVICE CLIENT SERVICE CENTRE
2020 - 11 -06
ROODEPOORT
SUID - AFRIKAANSE POLISIEDIENS