



read

Department:
**Rural, Environment and Agricultural
Development**
North West Provincial Government
REPUBLIC OF SOUTH AFRICA

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CHIEF DIRECTORATE: ENVIRONMENTAL SERVICES
DIRECTORATE: ENVIRONMENTAL QUALITY MANAGEMENT

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

(For official use only)

File Reference Number:
NEAS Reference Number:
Application Fee Reference Number:
Date Received:

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

PROJECT TITLE

The proposed construction of a 500mm diameter rising- and an 800mm diameter gravity potable water pipelines from the Bospoort WTW to tie into the existing pipeline to Rustenburg town, a reservoir and associated access roads currently under the jurisdiction of the Rustenburg Local Municipality, North West Province.

Kindly note that:

1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the competent authority.
2. This form is current as of December 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
3. A proponent must pay a fee for the processing of environmental impact assessment applications as set out in the Fee Regulations¹ published in terms of sections 24(5) and 44(1) of the National Environmental Management Act, 1998 (Act No. 107 of 1998). A fee of **R2 000** is applicable to an application which must be subjected to **Basic Assessment** and an application for **amendment of an environmental authorisation**, and a fee of **R10 000** is applicable to an application which must be subjected to **Scoping and Environmental Impact Reporting**.
 - **An applicant is excluded from having to pay the application fee if:**
 - The activity is a community based project funded by a government grant; or
 - The applicant is an organ of State

4. The application 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.
5. The use of "not applicable" in the form must be done with circumspection. Incomplete applications or applications that do not meet the requirements in terms of Regulation 16 of the 2014 NEMA EIA Regulations will be rejected to be revised and be resubmitted.
6. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
7. An application for environmental authorisation/amendment lapses if the applicant fails to meet any of the timeframes prescribed in terms of the 2014 EIA Regulations. The applicant must comply with the Project Time Schedule.
8. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations

Queries must be addressed to the contact hereunder:

Departmental Details/Provincial Authority

Postal address:

Department of Rural, Environment and Agricultural Development

Directorate: Environmental Quality Management:

Private Bag X 2039

Mmabatho

2735

Physical address:

Department of Rural, Environment and Agricultural Development

Agricentre Building

Cnr. Dr. James Moroka & Stadium Road

Mmabatho

2735

Tel: 018-389 5959/5156

The signed Application Form together with proof of payment must be couriered for attention EIA Administrator: Office 36 at Agricentre Building, Mmabatho.

BANKING DETAILS FOR PAYMENT:

BANK:	ABSA
Account name:	NW: Rural, Environment & Agric Dev
Account No:	4085956911
Branch Code:	632005
Reference:	1419EA + Municipal District Code (e.g. 1419EANMM)

District Codes (BOJ=Bojanala, NMM=Ngaka Modiri Molema, DKK=Dr Kenneth Kaunda, RSM=Dr Ruth Segomotsi Mompati)

Alternatively: Pay at the Cashier at Office No 135 (Finance Section) Agricentre Building, Mmabatho



SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

T	0	J	Q	0	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	3
T	0	J	Q	0	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	4
T	0	J	Q	0	0	0	0	0	0	0	0	0	2	7	9	0	0	0	7	1
T	0	J	Q	0	0	0	0	0	0	0	0	0	2	8	2	0	0	0	0	5
T	0	J	Q	0	0	0	0	0	0	0	0	0	2	8	3	0	0	0	0	0
T	0	J	Q	0	0	0	0	0	0	0	0	0	2	8	3	0	0	0	0	5

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT DESCRIPTION

Please provide a detailed description of the project.

Following the upgrading of the 12Mℓ/d Bospoort Water Treatment Works to 24Mℓ/d, a new 500mm diameter rising main is required to convey potable water from the Treatment Works to the new reservoir. An 800mm diameter pipe will supply the water from the reservoir to Rustenburg town. Both these lines will be steel pipelines and will convey approximately 300ℓ per second between the Treatment Works and Rustenburg Municipality. The pipelines will augment the current Vaalkop supply system and provide much needed potable water to the communities in the area as well as Rustenburg Town.

PLEASE INDICATE WHICH SECTOR THE PROJECT FALLS UNDER BY CROSSING OUT THE RELEVANT BLOCK IN THE TABLE BELOW:

Table 1: Sector report table

SECTOR 1: ENERGY INFRASTRUCTURE	Green economy + "Green" and energy-saving industries	
	Oil and gas	
	Biofuels	
SECTOR 2: TRANSPORT INFRASTRUCTURE	Infrastructure-transport (rail and road)	
	Basic services (local government) - roads	
SECTOR 3: BULK SERVICES INFRASTRUCTURE.	Infrastructure – water (bulk and reticulation)	X



SECTOR 4: WATER IMPOUNDMENTS	Basic services (local government) water	
SECTOR 5: AGRICULTURE AND FORESTRY (INCLUDING AGRI-INDUSTRY: AGRICULTURE; ETC)	Agricultural value chain + agro- processing (linked to food security and food pricing imperatives)	
SECTOR 6: COMMUNICATION INFRASTRUCTURE	Infrastructure - information and communication technology	
SECTOR 7: RECREATION AND HOSPITALITY INDUSTRY RELATED INFRASTRUCTURE	Tourism+ strengthening linkages between cultural industries & tourism	
	Basic services (local government) - public open spaces and recreational facilities	
SECTOR 8: GREENFIELD TRANSFORMATION TO URBAN OR INDUSTRIAL FORM		
SECTOR 9: BIODIVERSITY OR SENSITIVE AREA RELATED ACTIVITIES 2010		
SECTOR 10:	Mining value chain	
	Business process servicing	
	Basic services (Local Government)- Housing	
	Township Development	
SECTOR 11: SANITATION	Waste Water Treatment	
	Basic services (local government) - sanitation	

1. BACKGROUND INFORMATION

Project applicant:

Trading name (if any):

Contact person:

Physical address:

Postal address:

Postal code:

Telephone:

E-mail:

Rustenburg Water Services Trust (RWST)		
N/A		
Mr. Pet Maas (Trust Administrator)		
701 Missionary Mpheni House Cnr. Nelson Mandela & Beyers Naude Rd Rustenburg		
N/A		
0030	Cell:	083 445-7287 (Mr. Pet Maas)
N/A	Fax:	086 645-8844
pet.maas@tigros.co.za		

Landowner:

Contact person:

Rustenburg Local Municipality
Ms Nqobile Sithole



Postal address:	P.O. Box 16, Rustenburg		
Postal code:	0030	Cell:	076 681 9988
Telephone:	014 590 3551	Fax:	0145903481
E-mail:	munman@rustenburg.gov.za		
	In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.		
Local authority in whose jurisdiction the proposed activity will fall:	Rustenburg Local Municipality		
Municipal Ward No:	23, 37, 40, 41, 44		
Nearest town or districts:	Rustenburg		
Contact person:	Ms Nqobile Sithole (Municipal Manager)		
Postal address:	P.O. Box 16, Rustenburg		
Postal code:	0030	Cell:	N/A
Telephone:	014 590 3551	Fax:	0145903481
E-mail:	munman@rustenburg.gov.za		

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) and Activity Description (in terms of the relevant notice)	Describe each listed activity as per project description
<i>GN No. R.983 of 4 December 2014 (LN1), as amended in GN No. 327 of 7 April 2017</i>	9. The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water- (i) with an internal diameter of 0.36 metres or more; or (ii) with a peak throughput of 120 litres or more; excluding where – (a) such infrastructure is for the bulk transportation of water or storm water or storm water drainage inside a road reserve or railway line reserve; or (b) where such development will occur within an urban area.	Construction of a 500mm diameter rising- and an 800mm diameter gravity potable water pipelines.
<i>GN No. R.983 of 4 December 2014 (LN1), as amended in GN No. 327 of 7 April 2017</i>	12. The development of- (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs-	Infrastructure exceeding 100m ² including scour chambers and sacrificial anode beds (and/or other forms of cathodic protection) will be installed within 32m of a watercourse. The pipeline also crosses several watercourses.



	<p>(c) if no development setback exists, within 32 metres of a watercourse, measures from the edge of a watercourse;</p> <p>excluding—</p> <p>(aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour;</p> <p>(bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such development occurs within an urban area;</p> <p>(ee) where such development occurs within existing roads, road reserves or railway line reserves; or</p> <p>(ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of development and where indigenous vegetation will not be cleared.</p>	
<p><i>GN No. R.983 of 4 December 2014 (LN1), as amended in GN No. 327 of 7 April 2017</i></p>	<p>19. The infilling or depositing of any material or more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse; but excluding where such infilling, depositing, dredging, excavation, removal or moving-</p> <p>(a) will occur behind a development setback;</p> <p>(b) is for the maintenance purposes undertaken in accordance with a maintenance management plan;</p>	<p>A combined total capacity of more than 10 cubic metres will be excavated from the watercourses, including but not limited to when trenching through the Paardekraalspruit & Hex River, and the pipeline will then be concrete encased (infilled) to adequately protect it.</p>



	<p>(c) falls within the ambit of activity 21 in this Notice, in which case that activity applies;</p> <p>(d) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or</p> <p>(e) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.</p>	
<p><i>GN No. R.983 of 4 December 2014 (LN1), as amended in GN No. 327 of 7 April 2017</i></p>	<p>26. Residential, retail, recreational, tourism, commercial or institutional developments of 1 000 square metres or more, on land previously used for mining or heavy industrial purposes; — excluding —</p> <p>(i) where such land has been remediated in terms of part 8 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or</p> <p>(ii) where an environmental authorisation has been obtained for the decommissioning of such a mine or industry in terms of this Notice or any previous NEMA notice; or</p> <p>(iii) where a closure certificate has been issued in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) for such land.</p>	<p>The preferred location of the proposed reservoir site and associated pipeline and access road, are within the footprint of a mining area.</p>
<p><i>GN No. R.983 of 4 December 2014 (LN1), as amended in GN No. 327 of 7 April 2017</i></p>	<p>27. The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—</p> <p>(i) the undertaking of a linear activity; or</p> <p>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>	<p>The clearance of vegetation for the pipeline outside the road reserve, reservoir site as well as the construction camp, will exceed 1 hectare of indigenous vegetation.</p>
<p>GN No. R.985 of 4</p>	<p>1. The development of billboards</p>	<p>Project notice boards collectively exceeding 18m² will</p>



<p>December 2014 (LN3), as amended in GN No. 324 of 7 April 2017</p>	<p>exceeding 18 square metres in size outside urban areas, mining areas or industrial complexes. h. North West i. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; iii. Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority;</p>	<p>be erected at the construction camp as well as strategic locations along the pipeline route, within Sensitive Areas identified in the relevant EMF and Critical Biodiversity Areas (CBAs).</p>
<p>GN No. R.985 of 4 December 2014 (LN3), as amended in GN No. 324 of 7 April 2017</p>	<p>4. The development of a road wider than 4 metres with a reserve less than 13.5 metres. h. North West ii. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; iv. Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority.</p>	<p>Access roads will be developed to service the project area including additional roads required to access the reservoir site, which will be wider than 4m wide. Several of these roads are located within a Critical Biodiversity Area & EMF defined Sensitive Area.</p>
<p>GN No. R.985 of 4 December 2014 (LN3), as amended in GN No. 324 of 7 April 2017</p>	<p>12. The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. h. North West iv. Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority; v. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; or vi. Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.</p>	<p>More than 300m² of indigenous vegetation will be cleared for the installation of the pipeline within a Critical Biodiversity & Sensitive Area and within 100m from a wetland or watercourse.</p>
<p>GN No. R.985 of 4 December 2014 (LN3), as amended in GN</p>	<p>14. The development of- (ii) infrastructure or structures with a physical footprint of 10 square metres or</p>	<p>Infrastructure exceeding 10m², including scour valve chambers and sacrificial anode beds (and/or other forms of cathodic protection) will be installed within 32m of a watercourse within a CBA & Sensitive Area,</p>



No. 324 of 7 April 2017	<p>more; where such development occurs-</p> <p>(a) within a watercourse;</p> <p>(c) if no development setback has been adopted within 32 metres of a watercourse, measures from the edge of a watercourse;</p> <p>h. North West</p> <p>iv. Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority.</p> <p>v. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority.</p>	as well as installation of the pipeline across these watercourses.
GN No. R.985 of 4 December 2014 (LN3), as amended in GN No. 324 of 7 April 2017	<p>18. The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>h. North West</p> <p>iii. Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>v. Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority; or</p> <p>ix. Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.</p>	There are several existing access roads leading to and from the project sites including the reservoir site, which will need to be made wider than 4m wide to accommodate large vehicles, especially those delivering pipe sections. Many of these existing roads are located within a Critical Biodiversity Area & EMF defined Sensitive Area.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

Is the application fee for Environmental Authorisation Paid?

<u>Yes</u>	No
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3. SOCIO-ECONOMIC BENEFITS

3.1 What is the expected capital value to be contributed for North West Province Growth Domestic Product?

Approximately R 20 million

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

Approximately 100

3.3 How many permanent employment opportunities will be created during operational phase?

Approximately 3



4 OTHER AUTHORISATIONS REQUIRED

4.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

- | | |
|--|----------------|
| 4.1.1 National Environmental Management: Waste Act | Yes/ <u>No</u> |
| 4.1.2 National Environmental Management: Air Quality Act | Yes/ <u>No</u> |
| 4.1.3 National Environmental Management: Protected Areas Act | Yes/ <u>No</u> |
| 4.1.4 National Environmental Management: Biodiversity Act | Yes/ <u>No</u> |
| 4.1.5 Mineral Petroleum Development Resources Act | Yes/ <u>No</u> |
| 4.1.6 National Water Act | <u>Yes</u> /No |
| 4.1.7 National Heritage Resources Act | Yes/ <u>No</u> |
| 4.1.8 Other (please specify) | Yes/ <u>No</u> |
|
 | |
| 4.2 Have such applications been lodged already? | <u>Yes</u> /No |



5 ACTIVITY POSITIONS

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees, minutes and seconds using the Hartebeeshoek94 WGS84 co-ordinate system.

Description of Site Locations:

List alternative sites, if applicable.

The description of site locations must include farm names, farm portions, erf numbers, erven numbers etc

Alternative Site 1 (preferred or only site alternative)	Reservoir (preferred location) Tweedepoort 283 JQ Remainder portion 5
Alternative Site 2	Reservoir (alternative location) Elandsheuvel 282 JQ Remainder portion 5
Alternative Site 3	

Site Co-ordinates

Latitude (S):

Longitude (E):

Alternative S1 (preferred or only site alternative)

25°	33'	15.88"	27°	19'	57.57"
25°	32'	49.46"	27°	18'	54.31"
°	'	"	°	'	"

Alternative S2 (if any)

Alternative S3 (if any)

In the case of linear activities:

Alternative:

Latitude (S):

Longitude (E):

Alternative S1 (preferred or only route alternative)

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

25°	35'	53.59"	27°	17'	09.43"
25°	33'	59.56"	27°	18'	28.86"
25°	33'	23.57"	27°	20'	19.30"

Alternative S2 (if any)

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

25°	35'	53.53"	27°	17'	09.96"
25°	33'	59.62"	27°	18'	28.97"
25°	33'	23.57"	27°	20'	19.30"



Alternative S3 (if any)

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

25°	35'	54.00"	27°	17'	10.89"
25°	34'	00.18"	27°	18'	30.21"
25°	33'	23.57"	27°	20'	19.30"

LIST OF APPENDICES SUBMITTED

Appendix 1	List of land owners (with contact details) and proof of notification of land owners.	<u>YES</u>	NO
Appendix 2	List of co-ordinates and/or SGIDs for more activities in different areas	YES	<u>N/A</u>
Appendix 3	Copies of Environmental Authorisations obtained for the same property	YES	<u>N/A</u>
Appendix 4	Map indicating study areas for GN R.985	<u>YES</u>	NO
Appendix 5	Project schedule	<u>YES</u>	N/A
Appendix 6	Proof of payment	<u>YES</u>	NO
Appendix 7	Environmental Screening Report	<u>YES</u>	NO



6 DECLARATION BY APPLICANT

I PET MAAS, in my personal capacity or duly authorized thereto hereby declare/affirm all the information submitted or to be submitted as part of the application is true and correct, and that I:-

- am fully aware of my responsibilities in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (“NEMA”) as amended, the Environmental Impact Assessment Regulations (“EIA Regulations”) in terms of NEMA (Government Notice No. R. 982 refers) and any relevant specific environmental management act and that failure to comply with these requirements may constitute an offence in terms of relevant environmental legislation;
- appointed the environmental assessment practitioner, where applicable, which meets all the requirements in terms of Regulation 13 of GN No. R. 982 to act as independent environmental assessment practitioner for this application;
- will provide the environmental assessment practitioner and specialist, where applicable, and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the NEMA EIA Regulations, 2014 and other environmental legislation including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with applicable management and mitigation measures;
- am responsible for complying with conditions that may be attached to any decision(s) issued by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of NEMA EIA Regulations, 2014 and other environmental legislation;
- hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or Environmental Assessment Practitioner is responsible in terms of the NEMA EIA Regulations, 2014 and any Specific Environmental Management Act; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided (if there is an appeal) in terms of the NEMA Regulations, 2014.
- I realise that a false declaration is an offence and is punishable in terms of Section 49B of the Act

Signature of the applicant

RUSTENBURG WATER SERVICES TRUST

Name of company

26 April 2019

Date

