



Application Form for Environmental Authorisation in terms of National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014 (Version 3)

For official use only

NEAS Reference Number:
Provincial Reference Number:
Date Received:

Kindly note that:

1. This application 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.
2. This form must be used for an application(s) for Environmental Authorisation in terms of Chapter 4 of the Environmental Impact Assessment Regulations, 2014.
3. If, in addition to this application, you must also apply for a Waste Management License in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) “(the Waste Act”) and/or an Atmospheric Emission License in terms of the National Environmental: Air Quality Act, 2004 (Act No. 39 of 2004) (“NEM:AQA”), then separate application forms in terms of the applicable legislation must be completed and submitted simultaneously to the relevant licensing authorities, but a single EIA process must be undertaken. Copies of such applications must be attached to this Application Form. However, if the intention of the applicant is to undertake an Integrated Process (Integrated Authorisation), the applicant or the EAP is advised to seek guidance from the competent authority prior to commencing with the EIA process.
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 the phrase “**not applicable**” in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the refusal of the application.
6. **Three copies** of this form must be submitted at the offices of the relevant competent authority as detailed below prior or simultaneously with the submission of the Basic Assessment Report or the Scoping and Environmental Impact Report.
7. **One hard copy and Two CDs-PDF of the Draft Reports (BAR, Scoping Report and EIR) for commenting purposes during public participation process must be submitted to the Department.**
8. No faxed or e-mailed applications shall be accepted. Only hand delivered, couriered or posted applications will be accepted



9. 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.
10. The environmental data collected as part of the assessment process (spatial, species, etc.) must be submitted to the department in electronic format. Spatial data should be in the format of zipped shapefiles in WGS 84 projection and an accompanying explanatory document or metadata. Species and other environmental data should be in a spreadsheet format clearly linked to the relevant spatial data (i.e. wetland species list linked to wetlands delineation). If submitting an application via EIA online system data can be upload there, if not using the EIA online system for an application the data should be zipped and emailed to environmentdata@gauteng.gov.za. The shapefiles must be labelled / named using the GAUT reference number given and the type of data for the application (e.g. "GAUT002_1819_E0001_wetlands" no spaces).

1. DEPARTMENTAL DETAILS

Postal Address

Gauteng Department of Agriculture and Rural Development
Attention: Deputy Director: Strategic Administrative Unit of the Sustainable Utilization of the Environment (SUE) Branch
P. O. Box 8769
Johannesburg
2000

Physical Address

Administrative Unit of the Sustainable Utilisation of the Environment (SUE) Branch
Ground floor, Umnotho House, 56 Eloff Street
Johannesburg

Queries should be directed to the Strategic Administrative Unit at:
Administrative Unit telephone number (011) 240 3377
Departmental central telephone number (011) 240 2500

View the Department's website at [http:// www.gauteng.gov.za](http://www.gauteng.gov.za) for the latest version of the documents

Application for Environmental Authorisation in terms of NEMA

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.

2. FEES

Gauteng Department of Agriculture and Rural Development' details for the payment of application fees

The following should be noted by all Clients:



An application must be submitted within 90 days after a deposit was made for such application;

A reference no must be obtained from the department before a payment is processed and must be recorded on the deposit as the Clients deposit reference. No deposit may be made without the reference provided by the Department.

No refunds will be made by the Department if applications are not finalized within the 90 days as indicated.

No Cash deposits will be accepted. Only EFT, Bank and Speed Point payments will be accepted.

No application will be finalized if confirmation of payment wasn't made by the Department.

Payment Enquiries:

Contact person: Boniswa Belot
Tel: (011) 240 3377/3051
Email: Boniswa.Belot@gauteng.gov.za

Department Banking details:

Bank Name: FNB Bank
Account Name: GPG Agriculture & Rural - Supp acc
Account Number: 62305766878
Branch Name and Number: Commercial Account Services – 210-554
Reference number: Project Reference Number (to be obtained from the Department) followed by 4 Xs e.g. GAUT0021920I0001XXXX **(please note that this bank account has a transaction rule with a 20 alpha/numeric reference, filled with X, quote this reference number when making payment)**

Application form to be submitted with proof of payment attached- **Annexure 1**

Tax exemption status:

Status: Tax Exempted

EXCLUSIONS

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.

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, exclusion applies. Proof and a motivation for exclusions must be attached to this application form as **Annexure 2**.

Proof attached

Exclusion applies



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	
The applicant is an organ of state	X

FEE AMOUNT

Application	Fee
Applications for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000
Applications dealt with in terms of section 24L of the Act (where an environmental authorisation is required in terms of NEMA and a waste management license is required in terms of NEMWA and the same competent authority is dealing with both these applications)	100% of the most expensive application, namely, R10 000 (Ten Thousand Rand) if S&EIR is triggered and R2 000 (Two Thousand Rand) if the basic assessment is triggered; (b) 50% of the other application, namely, R5 000-00 (Five Thousand Rand) if the S&EIR is triggered or R1 000 (One Thousand Rand) if the basic assessment is triggered.

1. BACKGROUND INFORMATION

Project applicant Details

Project applicant:

Johannesburg Water SOC Limited

Trading name (if any):

(As above)



Responsible position, e.g., Director, CEO, etc.:			
Contact person:			
Postal address:	Johannesburg Water, PO Box 61542, Marshalltown		
Postal code:	2107	Cell:	
Telephone:		Fax:	
E-mail:			

Please duplicate the above section in instances where there is more than one applicant.

Local Municipality Details

Local municipality	City of Johannesburg Municipality		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

Please duplicate the above section in instances where there is more than one Municipality.

Land Owner Details

Land owner	In terms of the regulation 391 (2A), landowner's consent is not required for a linear project. The project occurs within the road reserve owned by the Johannesburg Road Agency.		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

Please duplicate the above section in instances where there is more than one landowner. **Consent use form in Addendum 1 must be filled if the applicant is not landowner or person in control of the land where the development will / is taking place. Further, the above section must be duplicated in instances where there is more than one landowner.**

Environmental Assessment Practitioner (EAP) Details

Professional affiliation/registration:	Registered EAP in terms of EAPASA		
Contact person (EAP):	Ms. Natasha Lalie		
Company:	Zitholele Consulting (Pty) Ltd		
Postal address:	P.O. Box 6002, Halfway House		
Postal code:	1685	Cell:	
Telephone:	0112072060	Fax:	0866746121
E-mail:	natashal@zitholele.co.za		

2. PROJECT INFORMATION

Project Title



Proposed upgrade of the water pipeline network in Carlswald, Gauteng Province

Scope of the Activity

Johannesburg Water SOC Limited proposes to upgrade the water reticulation network within Carlswald Agricultural Holdings, as well as surrounding areas. The area is currently being supplied by the Erand Reservoir, which has over the years become severely strained and has no capacity to provide the required water demand due to the rapid development in the area. Together with the upgrade of the water pipelines, construction of a new 20ML reservoir will be undertaken to create new discrete distribution zones emanating from the newly constructed reservoir.

The proposed development will entail the following:

- Site demarcation for construction
- Vegetation clearance
- Earthworks for the pipe trenches
- Laying of the piping and ancillaries
- Covering of the open trenches after the pipeline has been installed
- Re-surfacing of the side-walks, rehabilitation of the road verges and the construction areas, post-construction

Application Process Followed

(BA OR Scoping & EIA)

Basic Assessment Process

Other Authorisations Required

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act		X		X
National Environmental Management: Biodiversity Act		X		X
National Environmental Management: Integrated Coastal Management Act		X		X
National Environmental Management: Protected Areas Act		X		X
National Environmental Management: Waste Act		X		X
National legislation				X
Mineral Petroleum Development Resources Act		X		X
National Water Act	X			X
National Heritage Resources Act		X		X
Others: Please specify				

Please provide proof of any authorisations obtained in terms of the above as **Annexure 6**.

Property Description

Description of the property/properties where activity is proposed to be undertaken:

The proposed water pipeline upgrade is located in Carlswald, Midrand which falls under the jurisdiction of the City of Johannesburg Metropolitan Municipality in the Gauteng Province. There are three alternative pipeline routes that have been investigated, and these routes can be accessed from the following roads:

Site Alternative 1 (refer to Figure 1): The pipeline route alignment starts from the Whisken and Neptune Avenue intersection (point A) and will be taken in a north westerly direction, where it encounters a 210° bend, before it proceeds into Arthur Avenue. It then continues in a westerly direction where it crosses the R55 (Main Road). The pipeline route then continues onto Papenfus Drive alongside the road reserve where it passes through the Beaulieu Country Estate Guard House, and then enters through into road reserve of Papenfus Drive within the Estate. The pipeline route alignment then crosses the Papenfus Drive and Stallion Road intersection and proceeds alongside the Papenfus Drive road reserve for 2.13km to where it ends outside the Blue Hills Country Estate entrance (point B).



Figure 1: Location of Site alternative 1


Site alternative 2 (refer to Figure 2): The pipeline route alignment starts at the Whisken and Neptune Avenue intersection (Point A) and will move in a south-westerly direction where it bends 90° on Whisken Avenue and continues towards a north-westerly direction on Whisken Avenue until it crosses the R55 (Main Road). The pipeline then continues in a northerly direction along the R55 road reserve for 0.48km where it turns 90° into a servitude entering Beaulieu Estate on Stallion Road. The pipeline crosses Stallion Road and bends by 90° where it continues in northerly direction towards Papenfus Drive. From the Stallion Road and Papenfus Drive intersection, the pipeline proceeds alongside Papenfus Drive for 2.13 km where it ends outside the Blue Hills Country Estate entrance (Point B).



Figure 2: Location of Site alternative 2

Site alternative 3 (refer to Figure 3): The pipeline route alignment starts at the Whisken and Neptune Avenue intersection (Point A) and moves in a north-easterly direction along Whisken Avenue. The pipeline route alignment then crosses Whisken Avenue, and continues until it reaches Pluto Road, where it turns 90° into Pluto Road. From there, the pipeline travels for 0.3 km where it makes a 126° bend, and continues north into Winne Avenue, until it reaches Jupiter Avenue. The pipeline turns in an easterly direction onto Jupiter Avenue, where it travels for 1km to where it reaches the R55 (Main Road). From the R55, the pipeline travels south, along the road for about 0.45km, where it turns 90° into a servitude entering Beaulieu Estate, on Stallion Road. The pipeline crosses Stallion Road and bends by 90° where it continues in southerly direction towards Papenfus Drive. From the Stallion Road and Papenfus Drive intersection, the pipeline proceeds alongside Papenfus Drive for 2.13 km where it ends outside the Blue Hills Country Estate entrance (Point B).



	3
	 <p style="text-align: center;">Figure 3: Location of Site alternative 3</p>
Farm/ Erf name(s) & number(s) (including portion/ holding) of all proposed sites:	The Farm/Erf names of all affected properties is included in Annexure xx
Property size(s)(ha) of all proposed sites	
Property size(s) (m ²) of all proposed sites:	
Development footprint size(s) in ha/m ² :	
SG Digit code(s) of all proposed sites:	SG Digit codes are included in Annexure xx
Coordinates of all proposed sites: Latitude (S) Longitude (E)	The coordinates for all affected properties are included in Annexure xx

Note: Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 coordinate system. Where numerous properties/sites are involved (e.g. linear activities), please attach a list of property descriptions separately.

Physical/Street address of proposed sites:

The alternative pipelines can be accessed from Neptune Avenue and Arthur Avenue, Whisken Avenue, Ethel and R55 through to Papenfus Drive in the Carlswald area.

Current Zoning of site(s)

Road reserve within the urban area

Orientation Maps

Locality map:	A locality map must be attached to the application form as Annexure 3 , as an Appendix. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:
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	<ul style="list-style-type: none"> • an accurate indication of the project site position as well as the positions of the alternative sites, if any; • road names or numbers of all the major roads as well as the roads that provide access to the site(s) • a north arrow; • a legend; • the prevailing wind direction; and • GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection) • the locality map and all other maps which must be in colour; • locality map showing property boundaries and numbers within 100m of the site, and for poultry and/or piggery, locality map showing properties within 500m and prevailing or predominant wind direction; • the 1m contour intervals for gentle slopes must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; • areas with indigenous vegetation (even if it is degraded or infested with alien species); • locality map must show exact position of development site or sites; • locality map showing and identifying (if applicable) public and access roads; and • the current land use as well as the land use zoning of each of the properties adjoining the site or sites. <p>Note that separate maps can be used in the event it is not feasible have all the information on one map.</p>
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Should any activities in GN R. 985 be applied for, please provide a map indicating the triggering area (e.g. Critical Biodiversity Area, Protected Area, etc.) overlaid by the study area as **Annexure 4**.

3. ACTIVITY INFORMATION

Activity(s) Applied For

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed below.

Indicate the number of the relevant Government Notice:	Activity No (s) (relevant notice): e.g. Listing notices 1, 2 or 3	Describe each listed activity as per the wording in the listing notices:
GN. R984, 4 December 2014, as amended	Listing Notice 1	Listed activity 19: The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavating, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from watercourse;
GN. R985, 4 December 2014, as amended	Listing Notice 3	Listed activity 12: The clearance of 300m ² 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. In (c) Gauteng (I) within any critically endangered or endangered ecosystem listed in terms of Section 52 of NEMBA or prior to the publication of such a list, within an area that has been identified



Indicate the number of the relevant Government Notice:
Activity No (s) (relevant notice):
 e.g. Listing notices 1, 2 or 3
Describe each listed activity as per the wording in the listing notices:

		as critically endangered in the National Spatial Biodiversity Assessment, 2004.
GN. R985, 4 December 2014, as amended	Listing Notice 3	Listed activity 14: The Development of (ii) infrastructure or structures with a physical footprint of 10 square metres or more (a) Where such development occurs within a watercourse in c. Gauteng Province at iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in Bio-regional plans.
GN. R985, 4 December 2014, as amended	Listing Notice 3	Listed activity 23: The expansion of (ii) infrastructure or structures where the physical footprint is expanded by 10 metres or more. Gauteng Province at iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in Bio-regional plans.

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

Sector Based Project Description

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Green economy + “Green” and energy-saving industries		Greenfield transformation to urban or industrial form	
Infrastructure — electricity (generation, transmission & distribution)		Biodiversity or sensitive area related activities	
Biofuels		Potential of metal fabrication capital & transport equipment — arising from large public investments	
Basic services (local government) — electricity and electrification		Boat building	
Basic services (local government) — area lighting		Manufacturing — automotive products and components, and medium and heavy commercial vehicles	
Infrastructure — transport (roads, land strips)		Manufacturing — plastics, pharmaceuticals and chemicals	
Basic services (local government access roads)		Manufacturing — clothing textiles, footwear and leather	
Basic services (local government) — public transport		Forestry, paper, pulp and furniture	
Infrastructure – water (bulk and reticulation)	X	Business process servicing	
Basic services (local government) — sanitation		Basic services (local government) — education	
Basic services (local government) — waste management		Basic services (local government) — health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)		Basic services (local government) — housing	
Infrastructure — information and communication technology		Basic services (local government) security of tenure	



Tourism + strengthening linkages between cultural industries and tourism		Other	
Basic services (local government) — public open spaces and recreational facilities			



4. GUIDELINES

4.1 Gauteng Pollution Buffer Zones Guideline, March 2017

Where applicable, the developer must incorporate the Pollution Buffers in the planning and design of the development to protect people and the environment from harmful/toxic emissions. The decision on the buffer size to be maintained is subject to a Departmental review process. The buffers are as follows:

BUFFER GUIDELINES	TICK WHERE APPLICABLE
<p>Best case buffer of 1500m and worst case buffer of 750m must be maintained in <u>Category 1 industries</u>, such as Sasol, Arcelor Mittal, Scaw Metal, Eskom power stations etc. as per paragraph 6.2.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.</p>	
<p>Best case buffer of 500m and worst case buffer of 250m must be maintained in <u>Category 2 industries</u>, such as container depot in City Deep, panel beater workshops, tanneries etc. as per paragraphs 6.2.2 and 7.1 of the Gauteng Pollution Buffer Zones Guidelines, March 2017.</p>	
<p>Best case buffer of 100m and worst case buffer of 50m must be maintained in <u>Category 3 industries</u>, such as warehousing and distribution operations as per paragraphs 6.2.3 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.</p>	
<p>Best case buffer of 800m and worst case buffer of 500m must be maintained for <u>Sewage treatment works</u> as per paragraphs 6.2.4 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.</p>	
<p>Landfill sites have the following Maximum Buffer sizes as per paragraphs 6.2.5 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017: Class A is 2000m Class B is 1000m (where Class B accepts hazardous waste, the buffer is 2000m) Class C is 400m Class D is 200m</p>	
<p>Best case buffer of 100m and worst case buffer of 0m must be maintained for <u>Mine Dumps</u> (rock dumps or stockpiles) as per paragraphs 6.2.6 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.</p>	
<p>Best case buffer of 1000m and worst case buffer of 500m must be maintained for <u>Mine Slimes Dams and Ash Dumps</u> as per paragraphs 6.2.7 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.</p>	
<p>Best case buffer of 5000m and worst case buffer of 2000m must be maintained for the <u>Polindaba Nuclear Facility Complex</u> as per paragraphs 6.2.8 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.</p>	
<p>The Gauteng Pollution Buffer Zones Guideline is not applicable to my development.</p>	<p>X</p>



4.2 Sustainable Development Guideline, April 2017

The applicant must incorporate the Sustainable Development Principles in their development planning activities as outlined in **Section 6 of the Gauteng Sustainable Development Guideline**. Provide details of how efficiencies will be achieved on the items listed below:

WATER

How will the proposed development achieve **water efficiency** such as reuse of grey water, rainwater harvesting and use of water efficient equipment/technologies throughout its phases?

The Contractor must make use of a non-potable water resource, which has been legally authorised for use, which will be accessed from by water tankers during the construction phase.

If not, state the reasons why your development will not explore and achieve water efficiencies.

The proposed development entails the upgrade of water pipelines. The water pipeline will supply the area with clean potable water for human consumption.

The nature of the proposed development, i.e. proposed operation of the water pipeline during the operational phase will not require an excessive amount of water for maintenance purposes. Should water be required, the Municipality must obtain water from a licensed source or ensure that water efficient technologies are used.

ENERGY

What approaches will be adopted to achieve **energy efficiency** in the proposed development to reduce long-term operational costs and Greenhouse Gases emissions?

NONE

If not, state the reasons why your development will not explore and achieve energy efficiencies.

The proposed construction and operation of the water pipelines do not require energy.

WASTE

What approaches will be adopted to minimise quantities of waste generated and disposed of such as waste separation at source to enable reuse, reduction, recovery and recycling.

Wastes from construction activities may arise from excavations.

As far as possible, the topsoil and subsoil that is excavated during trenching must be used to backfill the trenches after the pipeline has been installed.

If not, state the reasons why your development will not explore and achieve waste reduction and separation at source.



The proposed development will not generate waste during the operational phase, as it will be a buried service. Similar to the construction phase, the topsoil and subsoil that is excavated during maintenance activities must be used as backfill material in the open trenches.

DESIGN/LAYOUT OF DEVELOPMENT

How will the design or layout of the development facilitate resource efficiency (i.e. orientation or location of development) through all phases?

Johannesburg Water has allocated sufficient funding and resources in terms of appointing the design engineers and the Environmental Consultants in facilitating the Pre-Construction approvals for the proposed upgrade to the bulk water pipeline in Carlswald, to supply water to the growing development that is occurring in the Carlswald area. The pipeline will be connected from the reservoir that will be constructed along the Corner of Walton Avenue and Whisken Avenue in the Carlswald area. The design of the pipeline has been thoroughly investigated to ensure that the goals of sustainable development are met, where the need for access to clean and an uninterrupted supply of water has been identified. JW's mandate is to ensure good service delivery of water in the area. During the construction phase, JW will appoint a Contractor to undertake the construction activities as per the conditions of the approved Environmental Management Programme (EMPr) and the conditions of the Environmental Authorisation (EA) and Water Use License Application (WULA).

During the operational phase of the development, maintenance activities by the appointed Contractors must take cognizance of the landowners who will be directly affected by these activities such as temporary disruptions to access to water supply by ensuring ample notice is given of maintenance in the affected areas.

If not, state the reasons why your development will not explore various layouts/designs to achieve resource efficiencies.

N/A

MATERIALS

In which phase of the development will the use of virgin materials be substituted with recycled/reused materials to reduce costs and emission of GHG while promoting environmentally friendly developments?

N/A

If not, state the reasons why your development will not explore and achieve materials efficiencies.

The material that will be used for the construction of the water pipeline will be transported onto site, which is readily made off-site by the manufactures, as per the specifications by the Municipality to be installed on-site. No construction materials will be manufactured on site, and the operation of the activity will not produce any greenhouse gases.



DRAINAGE

To facilitate rainwater infiltration and mitigate flooding, what form of Sustainable Drainage System Principles/Technologies will be undertaken in your development?

N/A

If not, state the reasons why your development will not explore innovative / technological approaches in the design of drainage system.

The proposed upgrade will entail installation of a water pipeline, to ensure distribution of water within the Carlswald area. The pipeline will not include or require a stormwater drainage system.

Project Schedule

A project schedule, indicating the different phases and timelines of the project, must be attached as **Annexure 5**.



5. PUBLIC PARTICIPATION PROCESS

If public participation process and other aspects of EIA process had already been undertaken prior to submission of this application form to the competent authority, a summary of public participation processes and steps followed to date must be described in the table below.

The Public Participation Process was initiated on 26 August 2022, and the following steps were undertaken:
<ul style="list-style-type: none"> • Site notices were placed along strategic locations of the proposed pipeline route alignments; • Background Information Documents (BID's) were placed at the Halfway House Public Library and the Beaulieu Estate; and • Compilation of an Interested and Affected Parties (I&APs) Database.
The following steps will be undertaken to notify the I&APs of the availability of the Draft Basic Assessment Report (DBAR) for public review and comment:
<ul style="list-style-type: none"> • The distribution of notification letters (<i>notifying the stakeholders of the availability of the DBAR</i>); • Placement of an advertisement in the local newspaper; • Placement of the DBAR (including the Environmental Management Program (EMPr) for public review at public venues, Google drive, OneDrive and on the Zitholele website; • Distribution of the DBAR to GDARD, the Commenting Authorities and I&APs; •
The following steps will be undertaken during the public review of the DBAR:
<ul style="list-style-type: none"> • Compilation of a Public Participation Process (PPP) Report detailing the PPP undertaken from announcement of the project to closure of the commenting period of the DBAR (<i>including proof of notification</i>). • Compilation of a Comments and Response Report (CRR) (<i>including maintaining a record of comments received and responses provided</i>) for inclusion into the Final BAR; and • Updating of the database of registered I&AP's.
Upon receipt of the Environmental Authorisation (EA) from GDARD, the registered I&APs will be notified of the decision made by the Competent Authority, and the Appeals procedure, should they wish to appeal the decision.

6. SOCIO-ECONOMIC VALUES

Provide details on the anticipated socio-economic values associated with the proposed project

Anticipated CAPEX of the project on completion	R 26 905 560
What is the expected capital value of the activity on completion?	R 26 905 560
What is the expected yearly income that will be generated by or as a result of the activity?	R0
Will the activity contribute to service infrastructure?	YES NO
Will the activity contribute to a public amenity	YES NO



Total number of new employment opportunities to be created in the **construction phase** of this activity.

20
5
0
0
5
15
R 720 000
100%
10
10

Of these opportunities how many are:

Women

People with disabilities

Female

Male

Youth

Female

Male

What is the expected value of the employment opportunities during the construction phase?

What percentage of this will accrue to previously disadvantaged individuals?

How many new skilled employment opportunities created in the construction phase of the project?

How many new un-skilled employment opportunities created in the construction phase of the project?

Total number of new employment opportunities to be created in the **operational phase** of this activity.

2
1

Of these opportunities how many are:

Women

People with disabilities

Male

Youth

Female

Male

What is the expected current value of the employment opportunities during the first 10 years?

What percentage of this will accrue to previously disadvantaged individuals?

How many new skilled employment opportunities created in the operational phase of the project?

How many un-skilled employment opportunities created in the operational phase of the project?

0
1
1
R 2400000
100%
2
0

Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

The Carlswald area is currently supplied with water from the Erand Reservoir which has a capacity of 27 hours x Average Annual Daily Demand (AADD) for the present, and 25 hours x AADD in the future. JW's Design



Guidelines stipulate 36 hours x AADD as the design requirement, which means that the Erand Reservoir does not have the capacity to supply water for both the present and future scenarios.

The proposed development involves the construction of a new 20ML Carlswald Reservoir to service the surrounding areas and the upgrade of the water pipeline network upgrade. The project entails the installation of a new water pipeline with an approximate length of 5.1 kilometres.

The proposed development is intended to improve and ensure an uninterrupted supply of water in the areas that experience shortages due to new and future developments.

Indicate any benefits that the activity will have for society in general:

The proposed water pipeline upgrade aims to provide an uninterrupted supply of potable water to households.

Indicate any benefits that the activity will have for the local communities where the activity will be located:

The proposed upgrade will supply the Carlswald area with clean water for the present and future developments occurring in the area. Johannesburg Water is aiming to ensure that no water cuts occur in the area, even with the increased immigration and infrastructure developments.

7. LIST OF ANNEXURES

		YES	N/A
Annexure 1	Proof of payment of a fee for this application		
Annexure 2	Proof and a motivation for exclusions from paying a fee		
Annexure 3	Locality map		
Annexure 4	Geographical area map triggering a listed		
Annexure 5	Project schedule		
Annexure 6	Proof by way of copies of Environmental Authorisations obtained for the same property or submission of such applications		
Addendum 1	Consent use of land form		
Addendum 2	Declaration by the applicant		
Addendum 3	Declaration by the environmental assessment practitioner		



ADDENDUM 1

8. CONSENT USE

Consent in terms of Regulation 39 of the 2014 NEMA EIA Regulations by the landowner or person in control of the land that the proposed activity/ies may be undertaken on the land in question

When to use this form

Note: This form must be completed when an application for amendment in terms of the 2014 NEMA EIA Regulations is submitted where the proposed amendment will impact on the activity undertaken/to be undertaken on the land or if the amendment relates to the transfer of rights and obligations.

Notes for completing and submitting this form

- (1) 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 released by the Department.
- (2) This form must be attached to the application form for amendment.
- (3) Unless protected by law, all information contained in the form will become public information.

CONTACT INFORMATION

**Name of land owner/
 person in control of
 the land**
Trading name (if any):
Contact person:
Physical address:
Postal address:

Postal code:
Telephone:
E-mail:

		Cell:
		Fax:

CONSENT

1. I/we the undersigned (insert the name/s of the owner/s of the land)

of identity number/registration number (insert the owner/s ID number/s or the registration number of the legal entity)



am/ are the registered owner/s of the property (insert description of the property/ies and title deed numbers)

located at (insert physical address or a brief description of the location of the property)

2. I/ we hereby give consent to the applicant /person to whom the rights are to be transferred (insert the name/s of the applicant/person/s)

of identity number/registration number (insert the owner/s ID number/s or the registration number of the legal entity)

to undertake the following activity(ies) on the property (insert a brief description of the project and identified activity(ies) in question and amendment that will be applied for):

Signature of land owner/person in control of the land or authorised representative

Name of authorised person if the landowner is a legal entity

Date



ADDENDUM 2

9. DECLARATIONS

DECLARATION OF THE APPLICANT

I _____, declare under oath that I

- am, or represent, the applicant in this application for "[insert project title]" ;
- have appointed / will appoint (delete that which is not applicable) an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application
- will provide the EAP 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 Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
 - 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 such costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the EAP is competent to undertake the EIA process with respect to this application and that the EAP-
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines and policies
 - performs the work objectively, even if the findings do not favour the applicant
 - disclose all information which is important to the application and the proposed development
- will inform all registered I&APs of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- 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 which the applicant or EAP is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of the EIA Regulations, 2014 and the NEMA.

Signature of the applicant/ Signature on behalf of the applicant:

Name of company (if applicable):

Date:



Signature of the Commissioner of Oaths:

Date:

Designation:

Commissioner of Oaths Official stamp (below)



ADDENDUM 3

10. DECLARATION OF THE EAP

I _____, declare that -

- I act as the independent environmental practitioner in this application for "[insert project title]" ;
- 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 declare that there are no circumstances that may compromise my objectivity in performing such work;
- 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, policies and guidelines;
- 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;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public at large and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties, state department and competent authority will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- all the particulars furnished by me in this form are true and correct;
- I will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and

Signature of the Environmental Assessment Practitioner:

Name of company:

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:



Commissioner of Oaths Official stamp (below)

In the event where the EAP or specialist is not independent (Regulation 13(2) and (3) of the EIA Regulations, 2014), the proponent or applicant must, prior to conducting public participation, appoint another EAP or specialist which meets all the general requirements including being independent, to externally review all work undertaken by the EAP or specialist, at the applicant's cost appointed to manage the application.