

**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 1/2022)**

**For official use only**

Application Number:	GAUT 002/24-25/E4017
NEAS Reference Number:	
Date Received:	

**Kindly note that:**

1. This application form is current as of April 2022. 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 Licence in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("the Waste Act") and/or an Atmospheric Emission Licence 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. The complete application form must be submitted on the EIA online system prior or simultaneously with the submission of the Basic Assessment Report or the Scoping and Environmental Impact Report. The EIA online system can be accessed at <https://eia.gauteng.gov.za>
7. All application forms must be signed, and the Commissioner of Oaths Official stamp is mandatory as stipulated in the form. Applications that are not signed or completed accordingly will not be considered.
8. The applicant must fill in all relevant sections of this form. Incomplete applications will not be processed. The applicant will be notified of the missing information in the acknowledgement letter that will be sent within 10 days of receipt of the application.
9. Incomplete applications may be returned to the applicant for revision.
10. **Draft Reports (BAR, Scoping Report and EIR) for commenting purposes during public participation process must be uploaded to the EIA online system.**
11. In terms of Regulation 45 of the EIA Regulations 2014, this application will lapse should you fail to meet any of the timeframes prescribed in terms of these regulations, unless an extension has been granted in terms of regulations 3 (7), 19 (1, b) and 23 (1, b).
12. 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.
13. **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 the EIA online system the data can be uploaded there, if not using the EIA online system for an application the data should be zipped and emailed to [environmentdata@gauteng.gov.za](mailto: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\_2223\_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

56 Eloff Street, Umnotho House

Johannesburg

Queries should be directed to the Strategic Administrative Unit at:

Administrative Unit telephone number (011) 240 3051/3052

Departmental central telephone number (011) 240 2500

***View the Department's website at <https://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 number must be obtained from the department before a payment is processed and must be recorded on the deposit as the client's deposit reference.

No deposit may be made without the reference number 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: Nhlanhla Makhathini

Tel: (011) 240 3051/3052

Email: nhlanhla.makhathini@gauteng.gov.za

**Department Banking details:**

Bank Name: Standard Bank South Africa (SBSA)

Account Name: GPG AGRIC & RURAL DEV SUPP ACC

Type of Account: Business Current Account

Account Number: 30 230 638 2

Branch Name: No 5 Simmonds

Branch Code: 00 5055

Reference number: Project Reference Number (to be obtained from the Department) followed by 4 Xs e.g. GAUT0022223E0001XXXX

**(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 of payment**

☐

**Exclusion Applies?**

☒

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

**FEE AMOUNT**

<b>Application</b>	<b>Fee</b>
<b>Applications for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations</b>	<b>R2 000</b>
<b>Application for an environmental authorisation, for which S&amp;EIR is required in terms of the Environmental Impact Assessment Regulations</b>	<b>R10 000</b>
<b>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)</b>	<b>100% of the most expensive application, namely, R10 000 (Ten Thousand Rand) if S&amp;EIR is triggered and R2 000 (Two Thousand Rand) if the basic assessment is triggered;</b>  <b>(b) 50% of the other application, namely, R5 000-00 (Five Thousand Rand) if the S&amp;EIR is triggered or R1 000 (One Thousand Rand) if the basic assessment is triggered.</b>

### 3. APPLICANT INFORMATION

#### Project applicant Details

Project applicant:	Johannesburg Social Housing Company (JOSHCO)		
Trading name (if any):	Johannesburg Social Housing Company (JOSHCO)		
Responsible position, e.g. Director, CEO, etc.:	Executive Manager: Housing Development		
Contact person:	Mr Themba Sehokwane Mathibe		
Postal address:	P.O Box 16021, New Doornfontein, Johannesburg		
Postal code:	2028	Cell:	
Telephone:		Fax:	
E-mail:			

#### Local Municipality Details

Local municipality	City of Johannesburg Metropolitan		
Contact person:	Dr Ndivhoniswe Lukhwareni		
Postal address:	Metropolitan Centre, 1st Floor Council Chamber Wing, 158 Loveday Street, Braamfontein, Johannesburg		
Postal code:	2000	Cell:	
Telephone:	+27 (0) 11 407 7300	Fax:	011 403 1012
E-mail:	Citymanager@joburg.org.za		

#### Land Owner Information

Land owner	City Of Johannesburg		
Contact person:	Helen Botes or Musah Makhunga		
Postal address:	33 Hoofd Street, Braam Park, Braamfontein, 2107		
Postal code:	2107	Cell:	0664740250
Telephone:	0102199000	Fax:	
E-mail:	mmakhunga@JHBproperty.co.za		

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.**

### 4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Professional affiliation/registration:	N/A
Contact person (EAP):	Liam Whitlow
Company:	Environmental Impact Management Services

Postal address:	8 Dalmeny Road - Pine Park		
Postal code:	Randburg	Cell:	0699553087
Telephone:	0117897170	Fax:	0865719047
E-mail:	lucien@eims.co.za		

## 5. PROJECT TITLE (SCOPE OF THE ACTIVITY)

### Project Title

Sewer Pipeline for the Proposed Selkirk Avenue Housing Development
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### Scope of the Activity

<p>Johannesburg Social Housing Development Company (JOSHCO) wishes to construct a new housing development in Randburg. As part of the development approval process, Johannesburg Water (JW) requires that JOSHCO upgrades portions of the existing sewer infrastructure to comply with their masterplan requirements. The proposal is to install a new sewer infrastructure adjacent to the existing system with the existing system being kept operational. The proposed infrastructure will consist of a pipeline and various manholes. The sewer pipeline will be made of uPVC Class 34 with an internal diameter of between 200 to 360mm. The sewer infrastructure will be installed within the existing road servitude from Jan Smuts Avenue to Bordeaux Riverside Park, tracking through Valley Road and Garden Road. Before the proposed sewer infrastructure connects to an existing sewer infrastructure manhole which is located on the other side of Bordeaux Riverside Park, the pipeline will cross the Braamfontein Spruit stream, alongside the existing pipe. The proposed crossing of the Braamfontein Spruit stream requires an EA and WUL. The farm portions that form the Bordeaux Riverside Park that will be crossed by the pipeline include portion 44 of the Farm Klipfontein 203 IR, Portion 59 of Farm Driefontein 41, 26 of the Farm Driefontein 41 and Portion 8 of Farm Zandfontein 42. The start, middle and end points for the pipeline through the Bordeaux Riverside Park is as follows: Start: 26° 5'57.20"S, 28° 1'4.91"E; Middle: 26° 5'5.56"S, 28° 1'12.89"E; and End: 26° 5'59.75"S, 28° 1'18.48"E. The pipeline will cross the Braamfontein Spruit stream at portion 26 of Farm 41 IR.</p>
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### Application Process Followed

(BA OR Scoping & EIA)	BA
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## 6. PROPERTY DESCRIPTION

Farm/ Erf name(s) & number(s) (including portion/ holding) of all proposed sites:	RE/44/203		
Property size(s)(ha/m²) of all proposed sites:	65280,00 m²		
Development footprint size(s) in ha/m²:	66,00 m²		
SG Digit code(s) of all proposed sites:	TOIQ00000000020300044		
Coordinates of all proposed sites: Latitude (S)	°26	'5	"56,60000
Longitude (E)	°28	'1	"6,13000
<p><b>Note:</b> Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system. Where numerous properties/sites are involved (e.g. linear activities), please attach a list of property descriptions separately.</p>			

## 6. PROPERTY DESCRIPTION

Farm/ Erf name(s) & number(s) (including portion/ holding) of all proposed sites:	59/41
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Property size(s)(ha/m²) of all proposed sites:	65280,00 m²		
Development footprint size(s) in ha/m²:	66,00 m²		
SG Digit code(s) of all proposed sites:	TOIR00000000004100059		
Coordinates of all proposed sites: Latitude (S)	°26	'5	"56,07000
Longitude (E)	°28	'1	"8,68000
<b>Note:</b> Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system . Where numerous properties/sites are involved (e.g. linear activities), please attach a list of property descriptions separately.			

#### 6. PROPERTY DESCRIPTION

Farm/ Erf name(s) & number(s) (including portion/ holding) of all proposed sites:	26/41		
Property size(s)(ha/m²) of all proposed sites:	65280,00 m²		
Development footprint size(s) in ha/m²:	66,00 m²		
SG Digit code(s) of all proposed sites:	TOIR00000000004100026		
Coordinates of all proposed sites: Latitude (S)	°26	'5	"58,86000
Longitude (E)	°28	'1	"14,58000
<b>Note:</b> Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate 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:	Pipeline between Garden Road and Braamfontein Spruit Trail
Current Zoning of site(s)	Open space. Bordeaux Riverside Park

#### 7. 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:
Listing Notice 1	19	The infilling or depositing of any material of 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 — (a) will occur behind a development setback; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan; (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies; (d) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or (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.

Listing Notice 3	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
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Please note that any authorisation that may result from this application will only cover activities applied for.

## 8. ORIENTATION MAPS

<b>Locality map:</b>	<p>A locality map must be attached to the application form as <b>Annexure 3</b>, 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:</p> <ul style="list-style-type: none"> <li>• an accurate indication of the project site position as well as the positions of the alternative sites, if any;</li> <li>• road names or numbers of all the major roads as well as the roads that provide access to the site(s)</li> <li>• a north arrow;</li> <li>• a legend;</li> <li>• the prevailing wind direction; and</li> <li>• 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)</li> <li>• the locality map and all other maps which must be in colour;</li> <li>• 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;</li> <li>• 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;</li> <li>• areas with indigenous vegetation (even if it is degraded or infested with alien species);</li> <li>• locality map must show exact position of development site or sites;</li> <li>• locality map showing and identifying (if applicable) public and access roads; and</li> <li>• the current land use as well as the land use zoning of each of the properties adjoining the site or sites.</li> </ul> <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**.



## 9. PUBLIC PARTICIPATION PROCESS

### 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.

An initial call to register for the project was conducted through the placement of 5 A2 site notices on the 2nd July 2021. An advert was published in the on the same date on the Randburg Sun. Registered mail, emails and faxes were sent out on the 30th June 2021 to preidentified Interested and Affected Parties (I&APs) as well as to the relevant local and competent authorities.
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## 10. PROJECT SCHEDULE

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

## 11. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	REQUIRED	APPLICATION SUBMITTED
<b>SEMA</b>	YES/NO (Yes=Ticked)	YES/NO (Yes=Ticked)
<b>National Environmental Management: Air Quality Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>National Environmental Management: Biodiversity Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>National Environmental Management: Integrated Coastal Management Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>National Environmental Management: Protected Areas Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>National Environmental Management: Waste Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>National Legislation</b>		
<b>Mineral Petroleum Development Resources Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>National Water Act</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>National Heritage Resources Act</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Others: Please specify</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Others Authorisation</b>		

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

## Sector Based Project Description

- |   |   |
|---|---|
| <input type="checkbox"/> Green economy + “Green” and energy-saving industries                   | <input type="checkbox"/> Greenfield transformation to urban or industrial form  |
| <input type="checkbox"/> Infrastructure – electricity (generation, transmission & distribution) | <input type="checkbox"/> Biodiversity or sensitive area related activities  |
| <input type="checkbox"/> Biofuels   | <input type="checkbox"/> Potential of metal fabrication capital & transport equipment – arising from large public investments |
| <input type="checkbox"/> Basic services (local government) – electricity and electrification    | <input type="checkbox"/> Boat building  |
| <input type="checkbox"/> Basic services (local government) – area lighting                      | <input type="checkbox"/> Manufacturing – automotive products and components, and medium and heavy commercial vehicles         |
| <input type="checkbox"/> Infrastructure – transport (roads, land strips)                        | <input type="checkbox"/> Manufacturing – plastics, pharmaceuticals and chemicals  |
| <input type="checkbox"/> Basic services (local government access roads)                         | <input type="checkbox"/> Manufacturing – clothing textiles, footwear and leather  |
| <input type="checkbox"/> Basic services (local government) – public transport                   | <input type="checkbox"/> Forestry, paper, pulp and furniture  |
| <input type="checkbox"/> Infrastructure – water (bulk and reticulation)                         | <input type="checkbox"/> Business process servicing   |
| <input checked="" type="checkbox"/> Basic services (local government) – sanitation              | <input type="checkbox"/> Basic services (local government) – education  |

- |  |   |
|--|---|
| <input type="checkbox"/> Basic services (local government) – waste management  | <input type="checkbox"/> Basic services (local government) – health   |
| <input type="checkbox"/> Agricultural value chain + agro-processing (linked to food security and food pricing imperatives) | <input type="checkbox"/> Basic services (local government) – housing  |
| <input type="checkbox"/> Infrastructure – information and communication technology   | <input type="checkbox"/> Basic services (local government) security of tenure                               |
| <input type="checkbox"/> Tourism + strengthening linkages between cultural industries and tourism                          | <input type="checkbox"/> Basic services (local government) – public open spaces and recreational facilities |
| <input type="checkbox"/> Other (specify)   | <div style="border: 1px solid black; height: 15px; width: 450px;"></div>                                    |

## Guidelines

### Gauteng Pollution Buffer Zones Guideline

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:

Best case buffer of 1500m and worst case buffer of 750m must be maintained in Category 1 industries, 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. ☐

Best case buffer of 500m and worst case buffer of 250m must be maintained in Category 2 industries, 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. ☐

Best case buffer of 100m and worst case buffer of 50m must be maintained in Category 3 industries, such as warehousing and distribution operations as per paragraphs 6.2.3 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017. ☐

Best case buffer of 800m and worst case buffer of 500m must be maintained for Sewage treatment works as per paragraphs 6.2.4 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017. ☐

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**

Best case buffer of 100m and worst case buffer of 0m must be maintained for Mine Dumps (rock dumps or stockpiles) as per paragraphs 6.2.6 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017. ☐

Best case buffer of 1000m and worst case buffer of 500m must be maintained for Mine Slimes Dams and Ash Dumps as per paragraphs 6.2.7 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017. ☐

Best case buffer of 5000m and worst case buffer of 2000m must be maintained for the Pelindaba Nuclear Facility Complex as per paragraphs 6.2.8 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017. ☐

**The Gauteng Pollution Buffer Zones Guideline is not applicable to my development** ☒

### Sustainable Development Guideline

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?

No water efficiencies will be achieved as the only water use expected during construction is for consumption purposes.

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

Water for consumption during the construction phase is the only use expected during construction. Therefore, no water efficiencies could be explored as no other water uses are expected.

## ENERGY

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

No electricity will be required during the operational phase of the pipeline as it will be gravity fed and no pumps stations will be required. Electricity from mobile diesel generators might be used during the construction phase for power tools. Therefore, a small amount of diesel and petrol might be required to power these generators. Because this is a linear activity, it is not feasible to use electricity from the Eskom grid during the construction phase. Efficiency will be achieved through proper planning before construction to promote a smooth and concise construction phase and to prevent hold-ups which could lead to longer working

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

## 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.

During the construction phase organic waste will be produced because of vegetation removal, construction rubble will be generated, and sewage will be produced. Because of the nature of the project and the specific waste that will be produced there is not much space for re-use, recovery or recycling of waste. However, organic waste will be reduced by only allowing vegetation removal within the construction servitude. The different waste types will be separated on-site into general waste, organic waste and construction waste and will be disposed of at a

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

## 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?

The proposed sewer pipeline will follow the same servitude of an old existing sewage pipeline, this makes the location for the proposed project the most desirable. The pipeline route has an overall gentle gradient from start to end and therefore, no pump stations are required along the pipeline route.

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

## 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?

Only virgin materials will be used for the construction of the proposed sewage pipeline. A uPVC class 34 pipe will be installed during construction (between 200-315mm in diameter). The nature of the project does not allow for the use of recycled or reused materials as the proposed project is the construction of a new sewage pipeline. To ensure the integrity of the new pipeline, virgin materials will have to be used. Any leaks of sewage into the environment will not be acceptable. Suitable previously excavated earth will be used as backfill to trenches.

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

Pipelines, associated fittings, bedding materials, asphalt, manholes, and precast concrete kerbing have to be sourced new. However, due to large volumes of excavations for the pipeline the volume of previously encountered material will be optimized to achieve maximum backfill volume and reduce transport on public roads.

## DRAINAGE

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

The construction works comprise installation of new underground piping. Backfilling to trenches are covered with either asphalt or precast concrete powers. Rainwater/ stormwater run-off is therefore surface run-off.

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

No drainage systems will be considered. The proposed sewage pipeline is an underground pipeline. The pipe will be constructed and covered again with soil which was removed. However, to prevent subsidence along the pipeline route, proper compaction of the soil surrounding the pipe will be done after construction. Bedding materials comprise suitable imported earth material to achieve sufficient compaction. concrete is also used to reinforce pipeline bedding at changes in direction and areas where greater subsidence is anticipated. Bedding materials comprise suitable earth material, to achieve sufficient compaction. Concrete is also

## SOCIO-ECONOMIC VALUES

### Socio-economic Values - Construction Phase

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

Anticipated CAPEX of the project on completion: R

13000000,00

Expected capital value of the activity on completion: R

13000000,00

Expected yearly income that will be generated by or as a result of the activity: R

0,00

Will the activity contribute to service infrastructure?



Will the activity contribute to a public amenity?



<b>Total number of new employment opportunities to be created in the construction phase of this activity</b>	19
<u>Of these opportunities how many are:</u>	
<b>Women</b>	5
<u>People with disabilities:</u>	
<b>Female</b>	1
<b>Male</b>	1
<u>Youth:</u>	
<b>Female</b>	4
<b>Male</b>	4
<b>Expected value of the employment opportunities during the construction phase: R</b>	2200000,00
<b>Percentage of this will accrue to previously disadvantaged individuals: %</b>	100
<b>How many new skilled employment opportunities created in the construction phase of the project?</b>	15
<b>How many new un-skilled employment opportunities created in the construction phase of the project?</b>	4

## Socio-economic Values - Operational Phase

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

<b>Total number of new employment opportunities to be created in the operational phase of this activity</b>	19
<u>Of these opportunities how many are:</u>	
<b>Women</b>	5
<u>People with disabilities:</u>	
<b>Female</b>	1
<b>Male</b>	1
<u>Youth:</u>	
<b>Female</b>	4
<b>Female</b>	4
<b>Expected current value of the employment opportunities during the first 10 years: R</b>	2200000,00
<b>Percentage of this will accrue to previously disadvantaged individuals: %</b>	100
<b>How many new skilled employment opportunities created in the operational phase of the project?</b>	15
<b>How many new un-skilled employment opportunities created in the operational phase of the project?</b>	4

## Need and desirability of the activity:

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

The existing sewer pipeline has limited capacity. In order for the proposed Housing Development to proceed a new, larger pipeline will need to be constructed next to the existing sewer pipeline so as to add more capacity to the system and prevent system overload.

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

The upgrade will allow JOSHCO to provide additional housing in Randburg.

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

The upgrade will allow JOSHCO to provide much needed additional housing in Randburg. The new pipeline will ensure less pollution within the surrounding environment through prevention of leaks and overflow of sewage from overloading of the existing sewage system. Overflowing and leaking sewage pipelines can leave bad odours within the surrounding area and pollution of watercourses and groundwater in the area. This construction project will create local job opportunities and enhance discussion amongst local business and council forums.

## 12. 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.

Notes for completing and submitting this form

- (1) This form is current as of April 2022. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been released by the Department.
- (2) 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	CITY OF JOHANNESBURG		
Trading name (if any):			
Contact person:	MR MOSATI MAREUNGA		
Physical address:	33 HOOD STREET, BRAAMPARK, BRAAMFONTEIN 2107		
Postal address:	33 HOOD STREET, BRAAMPARK, BRAAMFONTEIN		
Postal code:	2107	Cell:	066 474 0250
Telephone:	010 219 9000	Fax:	
E-mail:	MMAREUNGA@JHB.GOV.ZA		

**CONSENT**

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

1. Portion 26, Farm Driefontein 411R.
2. Portion 59 Farm Driefontein 411R.
3. Portion 44 Farm Klipfontein 203 IR.

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

CITY OF JOHANNESBURG

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):

The farm portions that form the Bordeaux Riverside Park that will be crossed by the pipeline include portion 44 of the Farm Klipfontein 203 IR, Portion 59 of Farm Driefontein 41, 26 of the Farm Driefontein 41 and Portion 8 of Farm Zandfontein 42. The start, middle and end points for the pipeline through the Bordeaux Riverside Park is as follows:

- Start: 26° 5'57.20"S, 28° 1'4.91"E;
- Middle: 26° 5'5.56"S, 28° 1'12.89"E; and
- End: 26° 5'59.75"S, 28° 1'18.48"E.

The pipeline will cross the Braamfontein Spruit stream at portion 26 of Farm 41 IR.



**GAUTENG PROVINCE**  
AGRICULTURE AND RURAL DEVELOPMENT  
REPUBLIC OF SOUTH AFRICA

## APPLICATION

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 1/2022)

3. 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*):  
Johannesburg Social Housing Company (JOSHCO).

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*):

The proposal is to install a new sewer infrastructure adjacent to the existing system with the existing system being kept operational.

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

---

Name of authorised person if the landowner is a legal entity

Helen Bono

---

27/09/2023

---

Date

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**ADDENDUM 2**

**9. DECLARATION OF THE APPLICANT**

Project Title	Sewer Pipeline for the Proposed Selkirk Avenue Housing Development
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THEMBA MATHIBE declare under oath that I

- am, or represent, the applicant in this application;
- 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.

Themba Mathibe

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

JOHANNESBURG SOCIAL HOUSING COMPANY (JOSHCO)

Name of company (if applicable):

31-05-2023

Date:

[Signature]

Signature of the Commissioner of Oaths:

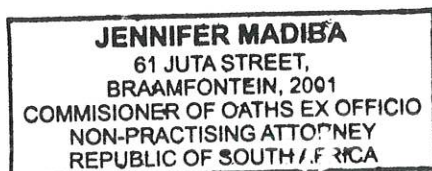
31-05-2023

Date:

NON-PRACTISING ATTORNEY

Designation:

Commissioner of Oaths Official stamp (below)



ADDENDUM 3

9. DECLARATION OF THE EAP

I Liam Whittow, declare that -

- I act as the independent environmental practitioner in this application for ;
- 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:

EIMS

Name of company:

8/11/2023

Date:

Signature of the Commissioner of Oaths:

2023-11-08

Date:

Constable

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.