

## DEPARTMENT OF ENVIRONMENTAL AFFAIRS

NO. 164

02 MARCH 2018

**NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998  
(ACT NO. 107 OF 1998)****ADOPTION OF THE GAUTENG PROVINCIAL ENVIRONMENTAL MANAGEMENT FRAMEWORK STANDARD AND EXCLUSION OF ASSOCIATED ACTIVITIES FROM THE REQUIREMENT TO OBTAIN AN ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTIONS 24(2)(d) AND 24(10)(a) READ WITH SECTION 24(10)(d) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998, FOR THE IMPLEMENTATION OF THE GAUTENG PROVINCIAL ENVIRONMENTAL MANAGEMENT FRAMEWORK**

I, Bomo Edna Edith Molewa, Minister of Environmental Affairs, hereby adopt the Gauteng Provincial Environmental Management Framework Standard and exclude associated activities from the requirement to obtain environmental authorisation, in terms of sections 24(2)(d) and 24(10)(a) read with section 24(10)(d) of the National Environmental Management Act, 1998, as set out in the Schedule hereto.

An application for environmental authorisation submitted in terms of the Environmental Impact Assessment Regulations, promulgated in terms of the National Environmental Management Act, 1998, for an activity falling within the scope of the Standard contemplated in this Notice, which application is pending at the time of the publication of this Standard in the *Government Gazette* or at the coming into effect of this Standard may be withdrawn at any time prior to a decision being made on such application.

If any part of a facility contemplated in the Schedule hereto, falls outside the scope of the Standard contemplated in this Notice, the requirements of the Environmental Impact Assessment Regulations, promulgated in terms of the National Environmental Management Act, 1998, apply.

The provisions of the National Appeal Regulations, 2014 are applicable to an appeal against any decision taken in terms of the Standard contemplated in this Notice.

The Gauteng Provincial Environmental Management Framework Standard is also available from the Department of Environmental Affairs at <https://egis.environment.gov.za> and from the Gauteng Department of Agriculture and Rural Development at <http://www.gauteng.gov.za/government/departments/agriculture-and-rural-development/Pages/Documents.aspx>



**BOMO EDNA EDITH MOLEWA**  
**MINISTER OF ENVIRONMENTAL AFFAIRS**

**SCHEDULE**

**STANDARD AND ASSOCIATED EXCLUDED ACTIVITIES FOR THE IMPLEMENTATION OF THE  
GAUTENG PROVINCIAL ENVIRONMENTAL MANAGEMENT FRAMEWORK**

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## CHAPTER 1

### INTERPRETATION, PURPOSE AND APPLICATION

#### Definitions

1. In this Standard, unless the context indicates otherwise, a word defined in the National Environmental Management Act, 1998 (Act No.107 of 1998) or the Environmental Impact Assessment Regulations has the same meaning, and—

**“competent authority”** means the organ of state that would have been designated by section 24C of the Act, in respect of a listed activity or specified activity;

**“days”** means calendar days, excluding public holidays and the period of 15 December to 5 January;

**“Environmental Impact Assessment Regulations”** means the Regulations published in terms of section 24(5) of the Act;

**“excluded activity”** means an activity identified within this schedule and as contemplated in Appendix 1, that is excluded from the requirement to obtain an environmental authorisation;

**“Gauteng Provincial Environmental Management Framework (GPEMF)”** means the Environmental Management Framework for the whole of Gauteng Province, consisting of zones 1 to 5; adopted by the MEC in terms of regulation 5(4) of the Environmental Management Framework Regulations, 2010 under Government Notice No.1655 of 22 May 2015;

**“mitigation measure”** refers to a set of actions undertaken as part of a commitment to reduce environmental impacts;

**“National Appeal Regulations”** means the regulations pertaining to the processing, consideration of and decisions on appeals, made under section 44(1)(a), read with section 43(3), of the National Environmental Management Act, 1998 (Act No. 107 of 1998);

**“proponent”** refers to the person that intends to undertake an excluded activity and is also responsible for ensuring compliance with the Standard;

**“registered development”** means a development that falls within the scope of the Standard and that has been registered;

**“the Act”** means the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended;

**“Zone 1”** means the geographical area depicted as the *Urban Development Zone* in the Gauteng Provincial Environmental Management Framework in which infill, densification and concentration of urban development is facilitated through the use of excluded activities of which a geographical representation can be found in Appendix 3; and

**“Zone 5”** means the geographical area depicted as the *Industrial and Commercial Focus Zone* in the Gauteng Provincial Environmental Management Framework in which non-polluting industrial and large-scale commercial developments are facilitated through the use of excluded activities, of which a geographical representation can be found in Appendix 3.

### **Purpose of the Standard**

2. The purpose of the Standard is to provide rules which must be complied with, ensuring –
  - (a) compliance to the principles contained in section 2 of the Act and the duty of care, in terms of section 28(1) of the Act;
  - (b) sustainable development within Gauteng Province; and
  - (c) compliance to management measures, based on which activities are excluded from the requirement to obtain an environmental authorisation.

### **Application of the Standard**

3. (1) The provisions of the Standard are applicable to activities excluded from acquiring an environmental authorisation, when undertaken within Zone 1 or Zone 5 of the Gauteng Province, as contemplated in Appendix 1.
- (2) The provisions of the Standard are not applicable if—
  - (a) any part of the footprint of an excluded activity extends outside the boundary of Zone 1 or Zone 5, as contemplated in Appendix 1; or
  - (b) such excluded activity is directly related to prospecting, exploration, including primary processing, of a mineral or petroleum resource.
- (3) The provisions of the Standard are not applicable if the development requires environmental authorisation for any activity not excluded in terms of the Standard, in which case environmental authorisation must be obtained for all applicable identified activities.

- (4) Compliance with the Standard does not negate the need for the proponent to comply with all other applicable legislation.

## CHAPTER 2

### PROCEDURAL REQUIREMENTS

#### Notification and Registration

4. (1) A proponent must submit to the competent authority the Registration Form as set out in Appendix 4, as well as a report from the web-based screening tool, as contemplated in the Environmental Impact Assessment Regulations.
- (2) The competent authority must, within 30 days, issue a registration number to the proponent, or, if not satisfied with the information provided, reject the request for registration.
- (3) The competent authority must, where applicable, draw the attention of the proponent to the fact that an appeal may be lodged against the decision in terms of section 43 of the Act and the National Appeal Regulations, if such appeal is available in the circumstances of the decision.
- (4) The proponent may commence with any excluded activity or activities within 10 years of receipt of the registration number contemplated in subsection (2), and must notify the competent authority, in writing, 14 days prior to such commencement and such notification must include a date on which it is anticipated that any activity will commence.
- (5) Registration lapses if commencement does not occur within 10 years of receipt of the registration number, and the process contemplated in subsections (1), (2), and (3) will apply afresh in such instances.
- (6) The competent authority must keep an inventory of all registered developments including as a minimum the —
- (a) name of the proponent;
  - (b) project name and description;
  - (c) registration number and applicable excluded activities;
  - (d) erf number, where development or expansion occurs;
  - (e) date on which the registration number was issued; and
  - (f) validity period of the registration.
- (7) Proof of registration must be made available—

- (a) on site at all times;
- (b) on request; and
- (c) where the proponent or owner has a website, on such publicly accessible website.

(8) Where change of ownership of a registered development in terms of subsection (2) occurs, the new owner must submit the relevant declaration and details contemplated in Appendix 5 within 30 days upon finalisation of such change.

### **CHAPTER 3**

#### **ENVIRONMENTAL MANAGEMENT SPECIFICATIONS**

##### **Environmental Management Specifications**

5. The proponent must ensure compliance with the environmental management specifications as contemplated in Appendix 2 for an excluded activity.

### **CHAPTER 4**

#### **COMPLIANCE**

##### **Authority Inspections**

6. The proponent must provide the competent authority and any authorised official with access to the facility where the excluded activity is undertaken without prior notification, for the purposes of monitoring compliance with the Standard.

## **CHAPTER 5**

### **TRANSITIONAL ARRANGEMENTS**

#### **Transitional Arrangements**

7. (1) An environmental authorisation issued prior to the coming into effect of this Standard remains valid.
- (2) Where an application for environmental authorisation for an activity falling within the scope of this Standard is pending at the time of publication of this Standard in the *Gazette* or at the time of the coming into effect of this Standard, such application must, despite the publication or coming into effect of this Standard be dispensed with in terms of the Environmental Impact Assessment Regulations and if an environmental authorisation is issued for such application, such environmental authorisation remains valid and this Standard does not apply.
- (3) An application for environmental authorisation contemplated in subsection (2) may be withdrawn at any time prior to a decision being made on such application.

#### **Short Title and Commencement**

8. This Standard is called the GPEMF Standard, 2018 and takes effect 60 days from date of publication in the *Gazette*.

**APPENDIX 1: EXCLUDED ACTIVITIES****1. Environmental Impact Assessment Regulations: Listing Notice 1**

1.1 The activities listed are the identified activities for Listing Notice 1 that are excluded from the requirement to obtain an environmental authorisation, **within Zone 1:**

- a) Activity 6;
- b) Activity 9;
- c) Activity 10 (will only be permissible for developments relating to the bulk transportation of sewage in Zone 1);
- d) Activity 11;
- e) Activity 13;
- f) Activity 27;
- g) Activity 28 (l);
- h) Activity 44;
- i) Activity 45;
- j) Activity 46 (will only be permissible for expansions relating to the bulk transportation of sewage in Zone 1);
- k) Activity 47;
- l) Activity 50;
- m) Activity 56;
- n) Activity 57 (will only be permissible for expansions relating to the treatment of sewage in Zone 1);
- o) Activity 63;
- p) Activity 64; and
- q) Activity 66.

1.2 The activities listed are the identified activities for Listing Notice 1 that are excluded from the requirement to obtain an environmental authorisation, **within Zone 5:**

- a) Activity 6;
- b) Activity 9;
- c) Activity 10;
- d) Activity 11;
- e) Activity 13;
- f) Activity 14;

- g) Activity 25;
- h) Activity 27
- i) Activity 28(i)
- j) Activity 36;
- k) Activity 38;
- l) Activity 39;
- m) Activity 40;
- n) Activity 41;
- o) Activity 43;
- p) Activity 44;
- q) Activity 45;
- r) Activity 46;
- s) Activity 47;
- t) Activity 50;
- u) Activity 51;
- v) Activity 56;
- w) Activity 57;
- x) Activity 63;
- y) Activity 64; and
- z) Activity 66.

## **2. Environmental Impact Assessment Regulations: Listing Notice 2**

2.1 The activities listed are the identified activities for Listing Notice 2 that are excluded from the requirement to obtain an environmental authorisation, **within Zone 1:**

- a) Activity 9; and
- b) Activity 11.

2.2 The activities listed are the identified activities for Listing Notice 2 that are excluded from the requirement to obtain an environmental authorisation, **within Zone 5:**

- a) Activity 4;
- b) Activity 7;
- c) Activity 9; and
- d) Activity 11.

# APPENDIX 2

## GPEMF EXCLUDED ACTIVITIES IN TERMS OF THE NEMA, ACT 107 OF 1998

### GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS (Should be applied in conjunction with the Activity Specific Specifications)

#### Generally Applicable Specifications (Development phase)

- 1) All working areas must be supplied with proper sanitation facilities (at least one for every twenty workers).
- 2) No uncontrolled fires are allowed on site for any purposes.
- 3) During development and operational phase, the proponent must ensure that there is firefighting equipment on site that is properly working and maintained with trained operators in the event of accidental fires.
- 4) Evidence of environmental awareness training for all employees must be kept on site. Employees must be fully inducted on activities impacting on the environment and mitigation thereof.
- 5) Site management must be done in a manner that prevent and minimise pollution.

#### Air Quality Specifications (Development phase)

- 1) The generation of pollutants such as particulate emissions must be prevented and minimised.
- 2) The proponent must prevent and minimise dust or offensive odours during development phase.
- 3) The design and construction of structures must implement energy savings to minimise Green House Gas emissions

#### Noise Specifications (Development phase)

- 1) The persons responsible for development activities must manage and mitigate the generation of noise, relating to –
  - (a) vehicles and equipment used on site; and
  - (b) development activities during night-time (from 5pm to 7am).

#### Storm Water Management Specifications (Development and Operational phase)

- 1) Management of storm water runoff must take place as close to the source as possible, according to the hierarchy listed below-
  - 2.1) At source storm water management through inclusion of one or more of the following or similar into the development:
    - a. green roofs;
    - b. rainwater harvesting;
    - c. permeable pavements and parking areas; and

- d. soakaways.
- 2.2) Local control for storm water runoff management, typically within the road reserves through inclusion of the following or similar into the development where practically possible:
- a. bio-retention areas;
  - b. filter strips;
  - c. infiltration trenches;
  - d. sand filters; and
  - e. swales.
- 2.3) Regional controls to manage combined storm water runoff from several developments through inclusion of the following or similar into the development where practically possible:
- a. constructed wetlands;
  - b. detention ponds; and
  - c. retention ponds.
- 3) The management of storm water must ensure that additional runoff water is stored and released at a rate that will not impact negatively on the natural flow capacity of rivers, wetlands and streams.
- 4) Development and operational activities must not encroach onto the 32 meter buffer from a water course as per GDARD Requirements for Biodiversity Assessments V3, 2014.

#### **Visual Specifications (Development phase)**

- 1) The development activities must prevent, manage and mitigate visual impacts, including but not limited to –
- (a) Configuration of development sites to reduce visual intrusions i.e. –
    - i. Siting of waste storage facilities; and
    - ii. Change rooms and ablution facilities;
  - (b) Siting of developments in relation to sensitive features.
  - (c) Installation of screening material during development to reduce visual impacts.
  - (d) Prevent use of highly reflective materials and paints, and where it cannot be prevented, it must be minimised.
  - (e) Prevent lighting up biodiversity features i.e. wetlands, ridges etc. and where it cannot be prevented, it must be minimised.
  - (f) To blend in with the surrounding landscapes, neutral colour pallets for structures must be used.

#### **Hazardous Substances Specifications (Development phase)**

- 1) The relevant Material Safety Data Sheets must be available on site.
- 2) The storage, use and disposal of hazardous substances, including containers, must be in accordance with the relevant Material Safety Data Sheets.
- 3) Hazardous substances must be stored such that the pollution of water, soil and air is prevented.

4) Storage areas containing hazardous substances / materials must be clearly marked.

#### **Waste Specifications (Development phase)**

- 1) Waste must be separated on site to support the waste management hierarchy – "Reduce, re-use, recover and only dispose safely as the last option."
- 2) No burning of waste on site and all waste must be disposed of at a licensed waste disposal facility or in line with the conditions of a valid waste licence.
- 3) Refuse bins must be placed at strategic positions to prevent littering and visual impact.
- 4) All recyclable waste generated on site must be separated into the main line recyclables i.e. paper, plastics, glass, tins and tyres (PPGTT) and building rubble.
- 5) Non-recyclable waste must be disposed of on a licensed waste disposal facility.
- 6) Skip waste containers must be maintained on site.
- 7) Waste stock piles stored in open areas must be covered with an impermeable cover.
- 8) Weatherproof, durable and legible waste disposal signs in at least 3 (three) official languages applicable in the area must be displayed at each entrance to the facility.
- 9) No waste must be buried on site.
- 10) Waste transporters must be registered on Gauteng Waste Information Systems (GWIS).

#### **Water Resources Specifications (Development phase)**

- 1) Mixing of concrete must be done on a lined surface to prevent contamination of surface and/or ground water.
- 2) Vehicles and equipment must be serviced in a manner that does not impact any sensitive features.
- 3) Contaminated material must be handled and disposed of at a licensed facility to prevent contamination of soil, surface and ground water resources.
- 4) The sewage management system must be designed and operated in a manner that protects the quality and quantity of environmental resources.
- 5) The positioning of the development activities must prevent pollution of watercourses.
- 6) If development takes place within the 32 metre buffer zone from the edge of the riparian zone for rivers or streams, it must comply with the GDARD Requirements for Biodiversity Assessments V3, March 2014.
- 7) If development takes place within the 30 metre buffer zone from the outer edge of the wetland temporary zone, it must comply with the GDARD Requirements for Biodiversity Assessments V3, March 2014.
- 8) For stormwater discharge, a buffer of 100 – 250 metres wide must be maintained between the stormwater outflow and the outer boundary of a wetland -
  - a) The buffer must have mechanisms for dissipating water energy, spreading and slowing water flow as well as preventing erosion.

- 9) Where a linear development will run alongside a wetland and intercept natural hill slope runoff into the wetland, the development must be set back from the boundary of the wetland by at least 30 metres.
- 10) The design and construction of structures must incorporate water savings.

#### **Biodiversity Specifications (Development phase)**

- 1) Perimeter fences must be erected prior to development activities to prevent access and negative impact to any sensitive areas.
- 2) The infestation of alien and invasive plant species must be controlled on site and indigenous species must be used for rehabilitation, during all phases of the development.
- 3) Clearing of indigenous vegetation must be limited to the development footprint during development activities.
- 4) Disturbance or mortality of indigenous fauna must be prevented, where it cannot be prevented, it must be minimised during the development.
- 5) No lethal forms of predator control must be used.
- 6) All development activities must not impact on the breeding of Red List bird species that could potentially occur on site.

#### **Specifications for Pollution Buffers (Development phase)**

- 1) Buffer zones for pollution sources from various industrial facilities, as indicated in point 2 and as per the **Gauteng Pollution Buffer Zones Guidelines**, March 2017, below must be adhered to.
- 2) The specific sizes for the preferred pollution buffer or minimum pollution buffer must be complied with 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.**

**Best case buffer of 400m and worst case buffer of 200m must be maintained for general landfill sites (Communal, small, medium and large) as per paragraphs 6.2.5 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.**

**Best case buffer of 2000m and worst case buffer of 1000m must be maintained for Hazardous Landfill sites as per paragraphs 6.2.5 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.**

**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.**

#### **Minimum Ridge Specifications (Development phase)**

1) The following ridge classes must be adhered to for all the Excluded Activities within Environmental Management Zone 1 and Zone 5.

Development activities will only be permitted if it falls within the following development classes as per paragraph 4(3) and 4(4) of the Gauteng Ridges Guideline (2001), as amended:

- (a) class 3 ridge (35 – 64 % transformed);
  - (i) class 3 (A) ridge Low impact development areas;
  - (ii) class 3 (B) ridge High impact development areas; and
- (b) class 4 ridge (65 - 100 % transformed)

2) Development activities that are not in contravention with the Gauteng Ridges Guideline must continue while taking the following into consideration:

- (a) No shining lights must be pointed towards the ridges to ensure minimal disturbance on the biodiversity;
- (b) No emission of effluents or waste dumping should be permitted on the ridges.

#### **Specifications for Soil Conservation (Development phase)**

- 1) Topsoil from development activities must be stockpiled and contained within a berm to prevent and minimise loss.
- 2) Compaction of topsoil must not inhibit vegetation growth.
- 3) Topsoil must be stockpiled in a designated area away from possible sources of contamination and must be used for re-vegetation/landscaping.

- 4) Overburden (soil/rocks) material must be disposed-of safely at a licensed facility, where it cannot be re-used.
- 5) Shaping of remaining profile must blend in with the gradients of the surrounding landscape.
- 6) Soil erosion must be controlled on site during all phases of the development.
- 7) All stockpiles must not cause visual impact in the area.

**Heritage Specification (Development and Operational phase)**

- 1) Should an object of archaeological importance be identified, work in that area must be stopped and the incident must immediately be reported to the nearest South African Heritage Resources Agency (SAHRA) offices in order to comply with the National Heritage Resources Act, 1999 (Act No. 25 of 1999).

## ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS

LISTING NOTICE 1		ZONE 1 & / or ZONE 5
ACTIVITIES	ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS	
Activity 6	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Management Specifications (Development and Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Species must be separated to prevent interbreeding between the indigenous and exotic species within the controlled farming environment.</li> <li>2) Species must be separated to prevent transmission of diseases and predatory species posing a threat to indigenous species must be controlled.</li> <li>3) Disposal of carcasses must be done at a permitted landfill site.</li> </ol> <p><b>Waste Specification (Development and Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Waste (solids and dissolved nutrients) must be disposed of at a licensed facility to prevent the development of algal blooms in natural environment.</li> </ol>	
Activity 9	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Noise Specification (Development and Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Water pumps must be housed in a fully enclosed brick structure or other suitable building to reduce the impact of noise generated from the pumps.</li> </ol> <p><b>Storm Water Management Specification (Development and Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Storm water transportation facilities must be developed in manner to prevent flooding in residential areas.</li> </ol> <p><b>Hazardous Substances Specification (Development and Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Water pumps must be stored in a banded area to contain fuel (diesel or oil) in the event of leaks or spillages.</li> </ol>	

<b>LISTING NOTICE 1</b>	
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>
Activity 10	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Noise Specification (Development and Operational phase)</b>            1) Water pumps must be housed in a fully enclosed brick structure or other suitable building to reduce the impact of noise generated from the pumps.</p> <p><b>Storm Water Management Specification (Development phase)</b>            1) Storm water transportation facilities must be kept free of litter to prevent flooding in residential areas.</p> <p><b>Hazardous Substances Specification (Development and Operational phase)</b>            1) Water pumps must be stored in a bunded area to contain fuel (diesel or oil) should there be leaks or spillages.</p> <p><b>Water Resources Specification (Development and Operational phase)</b>            1) Biannual monitoring of water transportation facilities for leakages must be undertaken during the operation to mitigate the associated risks. A report must be generated based on the monitoring results which should be kept on site and made available upon request.</p>
	<p><b>ZONE 1 &amp; / or ZONE 5</b></p> <p>1 &amp; 5            (will only be permissible for developments relating to the bulk transportation of sewage in Zone 1)</p>

<b>LISTING NOTICE 1</b>	
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>
<b>Activity 11</b>	<b>ZONE 1 &amp; / or ZONE 5</b>
	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Visual Specification (Development phase)</b>            1) An existing utility corridor should be utilised (shared) to mitigate environmental and social impacts of a new transmission line.</p> <p><b>Biodiversity Specification (Development phase)</b>            1) Anti-collision devices such as bird flappers must be installed where power lines cross corridors that are associated with flight pathways.</p>
<b>Activity 13</b>	<b>1 &amp; 5</b>
	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Water Resources Specification (Development phase)</b>            1) Construction of water storage facilities must not lead to the destruction of ecological functioning of the river downstream such as reduction of water flow, destruction of habitat and breeding grounds for aquatic species.</p> <p><b>Biodiversity Specification (Development phase)</b>            1) Location of construction sites should facilitate habitat connectivity.</p>
<b>Activity 14</b>	<b>5</b>
	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specification below</b></p> <p><b>Generally Applicable Specifications (Development and Operational phase)</b>            1) The area where dangerous goods are stored above ground must be banded to contain the quantities of goods stored on site during an incident.            2) The bund must be able to contain 110% of the total quantities of goods stored.            3) The bund must be fitted with a control valve.</p>

<b>LISTING NOTICE 1</b>	
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>
	<b>ZONE 1 &amp; / or ZONE 5</b>
	<p>4) Equipment and materials to deal with spills and leaks must be well maintained and stored in a clean, dry and readily accessible storage facility.</p> <p>5) Ground water monitoring, which must include amongst others, hydrocarbon detection, must be conducted annually and the results made available to the competent authority.</p> <p><b>Hazardous Substances Specifications (Development and Operational phase)</b></p> <p>1) Contaminated effluent from the bund and storm water run-off must be contained and disposed of in a licensed facility.</p>
Activity 25	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Visual Specification (Development and Operational phase)</b></p> <p>1) The proponent must prevent the prevalence of conditions that are in contrast with the ambience of the area.</p> <p><b>Waste Specifications (Development and Operational phase)</b></p> <p>1) The spread of diseases, odours, surface and ground water pollution as a result of sewage sludge from waste water treatment plants, must be prevented.</p> <p>2) Treated effluent used for irrigation purposes must always be chlorinated.</p> <p>3) No waste water must be discharged directly or otherwise into the boundary of a watercourse.</p> <p><b>Water Quality Specification (Development and Operational phase)</b></p> <p>1) Pathogens and inherent risks in wastewater treatment plants must not negatively affect immediate communities and the environment.</p>
Activity 27	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specification below</b></p>
	<b>1 &amp; 5</b>

LISTING NOTICE 1		ZONE 1 & / or ZONE 5
ACTIVITIES	ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS	
	<p><b>Air Quality Specifications (Development phase)</b></p> <p>1) The generation of dust must be prevented or minimised during development activities.</p> <p>2) Clearance of indigenous vegetation must be limited to development footprint.</p>	
Activity 28(i)	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Waste Specification (Development and Operational phase)</b></p> <p>1) Waste separation at source must be undertaken.</p> <p><b>Air Quality Specification (Development phase)</b></p> <p>1) The generation of dust must be prevented or minimised during development activities.</p>	1 & 5
Activity 36	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specification below</b></p> <p><b>Biodiversity Specification (Development phase)</b></p> <p>1) The location of renewable resources including photovoltaic solar plants must minimise contribution to habitat loss, biodiversity and deterioration to the natural ecosystem and functioning in the province.</p>	5
Activity 38	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specification (Operational phase)</b></p> <p>1) The management of abattoirs or slaughterhouse activities must be in accordance with the GDARD's <i>Guideline Manual for The Management of Abattoirs and other waste of animal origin of 2009.</i></p> <p><b>Water Resources Specification (Operational phase)</b></p> <p>1) Water efficient approaches and technologies must be adopted to reduce water demand in the operational processes of abattoirs or slaughterhouses.</p>	5

<b>LISTING NOTICE 1</b>		<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	
	<p><b>Waste Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) The disposal of waste products from animal pens, offal processing, carcass processing, bleeding and by-products processing from slaughter houses must not adversely affect the water quality and the ecological functioning in the nearby water bodies.</li> <li>2) In case of disease outbreaks and high mortalities of chicken, the nearest Local State Veterinary and Health Inspector must be contacted immediately, dead chicken must then be removed from the poultry house daily, or twice daily if mortality is high, once collected, they must be moved to an authorised and / or permitted waste treatment/processing facility preferably, off farm, for processing either to a rendering plant or suitable area for burial, or subsequent collection by a contractor.</li> <li>3) If dead chickens are not disposed of daily; they must be stored in a designated freezer on the farm. The freezer should have sufficient capacity to adequately handle 1 (one) to 3 (three) days of normal breeder mortality, and should not be used for any other purpose.</li> <li>4) A copy of an agreement letter with the nearest rendering plant and / or a contracted company contracted to remove, transport and dispose dead stock must be kept on site and made available to this Department upon request.</li> </ol>	
Activity 39	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Air Quality Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Management practices in farming environment must manage manure in a manner that reduces nuisance as a result of extensive odour.</li> <li>2) Generation of energy from methane should be explored to reduce dependence on fossil fuels and align to sustainable farming practises.</li> <li>3) Grazing patterns must be managed to reduce soil erosion and generation of dust from animal trampling.</li> <li>4) The operation of the facility must not lead to the generation of flies, rodents and other pests that carry diseases and nuisance.</li> </ol>	

<b>LISTING NOTICE 1</b>		<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	
	<p><b>Water Resource Specifications (Development and Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Access to water bodies by animals, must be restricted to prevent water contamination for downstream users.</li> <li>2) Pollution of adjacent water bodies as a result of run-off of animal waste, pesticides, chemicals, fertilizers must be prevented if not prevented, minimised.</li> </ol>	
Activity 40	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Air Quality Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Manure must be stored in a manner that does not adversely affect the air quality of the area as a result of odour.</li> <li>2) The operation of the poultry farm must not lead to the generation of flies, rodents and other pests that carry diseases and nuisance.</li> </ol> <p><b>Waste Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Burning and burying of carcasses is prohibited on site. All waste material generated on site must be stored in suitable containers which are intact and fit for storage of such waste and must be kept dry at all times.</li> <li>2) The temporary storage area for mortalities must be in sealed bins prior to disposal.</li> </ol> <p><b>Water Resources Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Wastewater must be managed in a manner that prevents acidification and eutrophication of the local stream/rivers.</li> <li>2) Contamination of surface and ground water through the use of pesticides on site must be prevented.</li> </ol> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Species must be separated to prevent interbreeding between the indigenous and exotic species within the controlled farming environment.</li> </ol>	5
Activity 41	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Species must be separated to prevent interbreeding between the indigenous and exotic species within the controlled farming environment.</li> </ol>	5

LISTING NOTICE 1		ZONE 1 & / or ZONE 5
ACTIVITIES	ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS	
	<p>2) Species must be separated to prevent transmission of diseases and predatory species posing a threat to indigenous species must be controlled.</p> <p>3) When the process failure occur leading to death of animals, disposal of carcasses must be done at a permitted landfill site to contain environmental and social impacts.</p> <p><b>Waste Specification (Operational phase)</b></p> <p>1) Waste must be disposed of at a licensed facility to prevent the development of algal blooms in natural environment.</p>	
Activity 43	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY <i>plus the Activity Specific Specifications below</i></b></p> <p><b>Generally Applicable Specifications (Operational phase)</b></p> <p>1) Management practices should be designed to minimise, prevent or control:</p> <ol style="list-style-type: none"> <li>a) the introduction of disease onto a farm;</li> <li>b) spread of disease within the farm production operation; and</li> <li>c) export of these diseases beyond the farm.</li> </ol> <p>2) Management of biosecurity must address the following issues:</p> <ol style="list-style-type: none"> <li>a) Control of animal disease at the borders of the country and the province;</li> <li>b) Control of the spread of diseases within the province;</li> <li>c) Control of the spread of diseases and resistant organisms from animals to humans.</li> </ol> <p>3) Carcasses must be disposed of at a licensed disposal facility.</p> <p>4) Alternative renewable sources of electricity must be explored to mitigate the greenhouse gas emission associated with the activity.</p> <p><b>Air Quality Specifications (Operational phase)</b></p> <ol style="list-style-type: none"> <li>1) Management activities must control emission of odour from waste and effluents.</li> <li>2) Operational activities must explore the use of alternative renewable electricity to mitigate the emission of greenhouse gas.</li> </ol> <p><b>Water Resources Specifications (Operational phase)</b></p>	5

<b>LISTING NOTICE 1</b>		<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	
	<p>1) Effluent discharge from the facility processes must be done in a manner that does not result in reduction of surface water quality on the adjacent streams.</p> <p>2) Water efficiency during operation must be implemented to reduce consumption and mitigate risks on business continuity.</p> <p><b>Waste Specifications (Operational phase)</b></p> <p>1) Green waste generated from the agri-industrial complexes must be utilised to make compost or for any other related processes downstream.</p> <p>2) Burning and burying of waste and carcasses is prohibited on site. All waste material generated on site must be stored in suitable containers which are intact and fit for storage of such waste and must be kept dry at all times.</p> <p>3) The temporary storage area for carcasses must be in sealed bins prior to disposal.</p>	
<b>Activity 44</b>	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Visual Specification (Development phase)</b></p> <p>1) Cemeteries must have a perimeter wall to provide a buffer between the graveyard and adjacent communities.</p> <p><b>Water Resources Specification (Development phase)</b></p> <p>1) Location of cemeteries must be carefully considered to prevent dolomitic ground.</p>	<b>1 &amp; 5</b>
<b>Activity 45</b>	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specifications (Development phase)</b></p> <p>1) Access to the trenches/channels dug for the installation of transportation infrastructure must be limited to prevent animal and unsuspecting people from falling into the trenches.</p> <p>2) Trenches/ channels must be demarcated to minimise the danger of falling into trenches.</p>	<b>1 &amp; 5</b>

LISTING NOTICE 1	
ACTIVITIES	ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS
Activity 46	<p><b>Noise Specification (Development phase)</b> 1) Water pumps must be housed in a fully enclosed brick structure or other suitable structure designed to reduce the impact of noise generated from the pumps.</p> <p><b>Waste Specification (Development phase)</b> 1) Stormwater transportation facilities must be designed in manner to prevent flooding in residential areas.</p> <p><b>Hazardous Substances Specification (Development phase)</b> 1) Water pumps must be stored in a bunded area to contain fuel should there be leaks or spillages.</p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Noise Specification (Development and Operational phase)</b> 1) Water pumps must be housed in a fully enclosed brick structure or other suitable building to reduce the impact of noise generated from the pumps.</p> <p><b>Storm Water Management Specification (Operational phase)</b> 1) Storm water transportation facilities must be kept free of litter to prevent flooding in residential areas.</p> <p><b>Hazardous Substances Specification (Development phase)</b> 1) Water pumps must be stored in a bunded area to contain fuel in case of leaks or spillages.</p> <p><b>Water Resources Specification (Operational phase)</b> 1) Monitoring of transportation facilities for leakages must be undertaken during the operation to prevent contamination.</p>
	<p><b>ZONE 1 &amp; / or ZONE 5</b></p> <p>1 &amp; 5 (Will only be permissible for expansions relating to the bulk transportation of sewage in Zone 1)</p>

<b>LISTING NOTICE 1</b>	
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>
Activity 47	<p style="text-align: center;"><b>ZONE 1 &amp; / or ZONE 5</b></p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Visual Specification (Development phase)</b> 1) Existing utility corridors must be utilised (shared) to mitigate environmental and social impacts of a new transmission line.</p> <p><b>Biodiversity Specification (Development phase)</b> 1) Anti-collision devices such as bird flappers must be installed where powerlines cross corridors that are associated with flight pathways.</p>
Activity 50	<p style="text-align: center;"><b>ZONE 1 &amp; 5</b></p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Water Resources Specification (Development phase)</b> 1) Expansion of water storage facilities must not lead to the destruction of ecological functioning of the river downstream.</p> <p><b>Biodiversity Specification (Development phase)</b> 1) Habitat connectivity and movement of aquatic species must be facilitated during the expansion of a dam.</p>
Activity 51	<p style="text-align: center;"><b>ZONE 5</b></p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specification (Operational phase)</b> 1) Above-ground dangerous goods storage areas must be banded to contain the quantities of goods stored on site in the event of an incident.</p> <p><b>Air Quality Specification (Development and Operational phase)</b> 1) The proponent must ensure that people and the environment are protected from exposure to harmful gases.</p>

<b>LISTING NOTICE 1</b>		<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	
	<p><b>Hazardous Substances Specification (Development and Operational phase)</b></p> <p>1) Contaminated effluent or storm water run-off must be contained and disposed of at a licensed facility.</p> <p><b>Waste Specification (Development and Operational phase)</b></p> <p>1) Contaminated effluent channels must be separated from storm and surface water to prevent pollution.</p>	
Activity 56	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Storm Water Management Specifications (Development phase)</b></p> <p>1) The infrastructure used must enable flow of water to prevent flooding of the road. 2) The storm water channels and culverts must be designed with silt litter traps to facilitate proper flow of water.</p> <p><b>Biodiversity Specification (Development phase)</b></p> <p>1) The design of the road must cater for minimal habitat loss and fragmentation to reduce the impact on sustainability of local biodiversity and ecosystems.</p> <p><b>Specification for Soil Conservation (Development phase)</b></p> <p>1) The design of the storm water channels must include soil erosion mitigation measures which result from increased velocity from hardened road surfaces.</p>	1 & 5
Activity 57	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Air Quality Specification (Operational phase)</b></p> <p>1) Measures to minimise offensive odours must be implemented at all times.</p> <p><b>Visual Specification (Operational phase)</b></p>	1 & 5  (Will only be permissible for expansions relating to

<b>LISTING NOTICE 1</b>	
<b>ACTIVITIES</b>	<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	<b>the treatment of sewage in Zone 1)</b>
<p>1) The proponent must prevent the prevalence of conditions that are in contrast with the ambience of the area.</p> <p><b>Waste Specifications (Operational phase)</b></p> <p>1) Prevent pollution of surface and ground water which could result from the waste water sludge.</p> <p>2) Waste generated from the treatment facility must be disposed at a licensed landfill site.</p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Noise Specification (Development and operational phase)</b></p> <p>1) Water pumps must be housed in a fully enclosed brick structure or other suitable building designed to reduce the impact of noise generated from the pumps.</p> <p><b>Storm Water Management Specification (Development and operational phase)</b></p> <p>1) Storm water transportation facilities must be designed to prevent clogging and flooding in residential areas.</p> <p><b>Hazardous Substances Specification (Construction phase)</b></p> <p>1) Water pumps must be stored in a bunded area to contain fuel/oil in the event of leaks or spillages.</p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Storm Water Management Specifications (Development phase)</b></p> <p>1) Fuel, chemicals and other pollutant spillages must be stored on impermeable surfaces and within bunded areas to prevent water pollution.</p> <p>2) The design of storm water culverts must enable flow of water to prevent flooding of the road.</p> <p>3) Storm water channels and culverts must be designed to prevent clogging by litter that may block the flow of water.</p> <p><b>Biodiversity Specification (Development phase)</b></p>	1 & 5
Activity 63	1 & 5
Activity 64	1 & 5

<b>LISTING NOTICE 1</b>	
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>
<b>Activity 66</b>	<p><b>ZONE 1 &amp; / or ZONE 5</b></p> <p>1) The design of the railway lines must cater for minimal habitat loss and fragmentation to reduce the impact on sustainability of local biodiversity and ecosystems.</p> <p><b>Noise Specification (Development phase)</b></p> <p>1) The design of the railways lines must incorporate the installation of noise reduction equipment to minimise impact on the adjacent communities.</p> <p><b>Hazardous Substances Specifications (Development phase)</b></p> <p>1) Fuel must be stored in a bunded area to prevent potential pollution. 2) Used oil must be disposed-off at an appropriately licensed facility.</p> <p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specification (Development phase)</b></p> <p>1) The opening of spillway must be designed to incorporate measures to prevent negative impacts of downstream flooding on users, habitat, nesting and breeding grounds.</p> <p><b>Water Resources Specification (Development phase)</b></p> <p>1) Expansion of water storage facilities must not lead to disruption of ecological functioning of the river downstream.</p> <p><b>Biodiversity Specification (Development phase)</b></p> <p>1) The expansion of the dam must facilitate habitat connectivity and movement of aquatic species.</p>

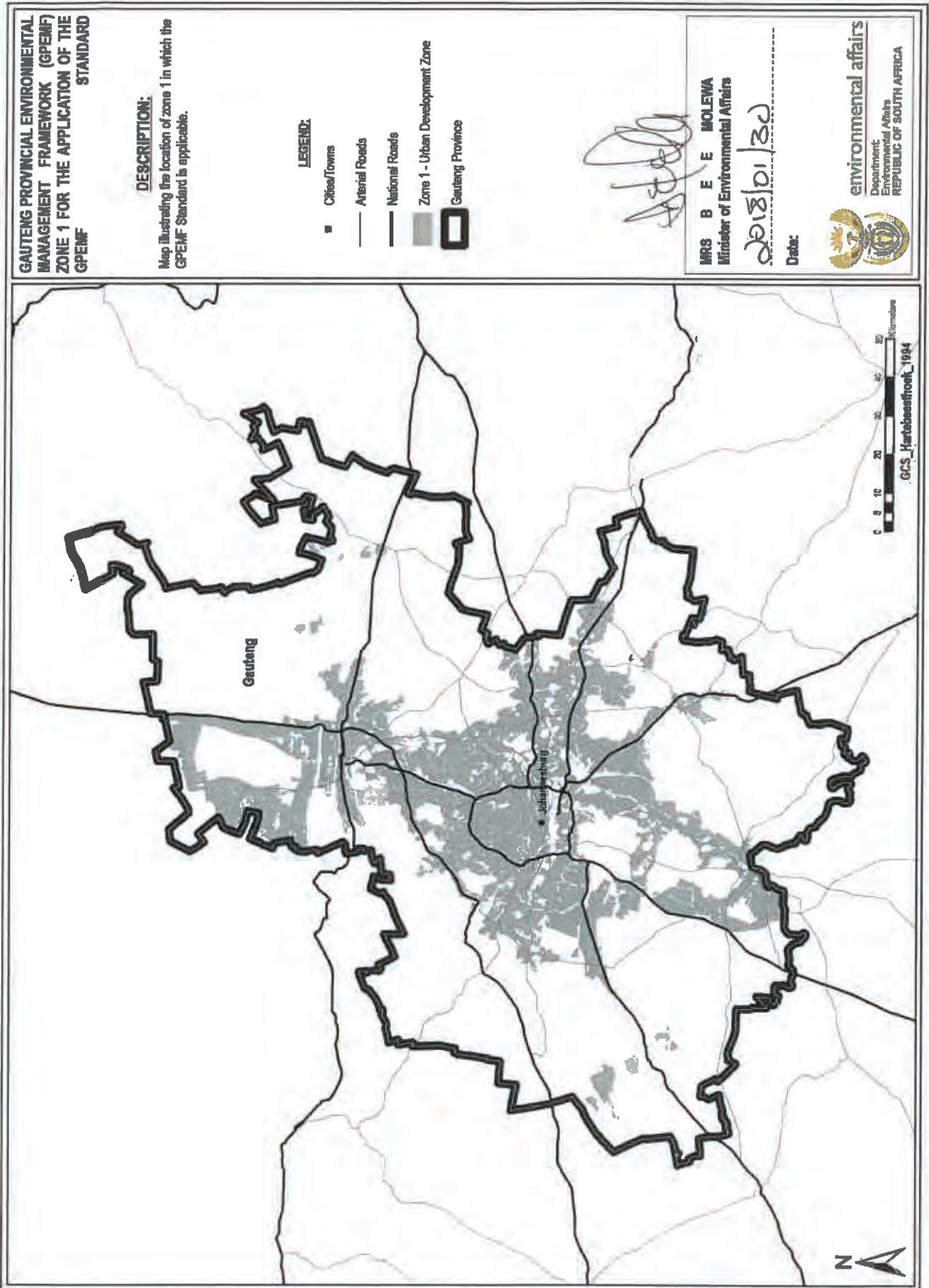
<b>LISTING NOTICE 2</b>		<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	
Activity 4	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specification (Development phase)</b>            1) Above- ground storage areas must be banded to contain the quantities of goods stored on site in the event of an incident.</p> <p><b>Air Quality Specification (Development phase)</b>            1) Measures must be installed to minimise the emission of harmful gases to the environment.</p> <p><b>Hazardous Substances Specification (Operational phase)</b>            1) Contaminated effluent or storm water run-off must be disposed at a licensed facility.</p> <p><b>Storm Water Management Specification (Operational phase)</b>            1) Storm water from the facility must be discharged through the municipal sewer system.</p> <p><b>Specification for Soil Conservation (Operational phase)</b>            1) Contaminated soil must be disposed of at a licensed hazardous material facility to prevent contaminating the soil and ground water.</p>	
Activity 7	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Generally Applicable Specification (Operational phase)</b>            1) A document clearly stating the hazardous properties of products or chemicals must be carried at all stages of the transport chain so that people are aware of them. This information must always follow the goods so that people can recognize the risks and prevent accidental mishandling and use the suitable personal protection at their disposal in case of leakage.</p> <p><b>Air Quality Specification (Operational phase)</b></p>	

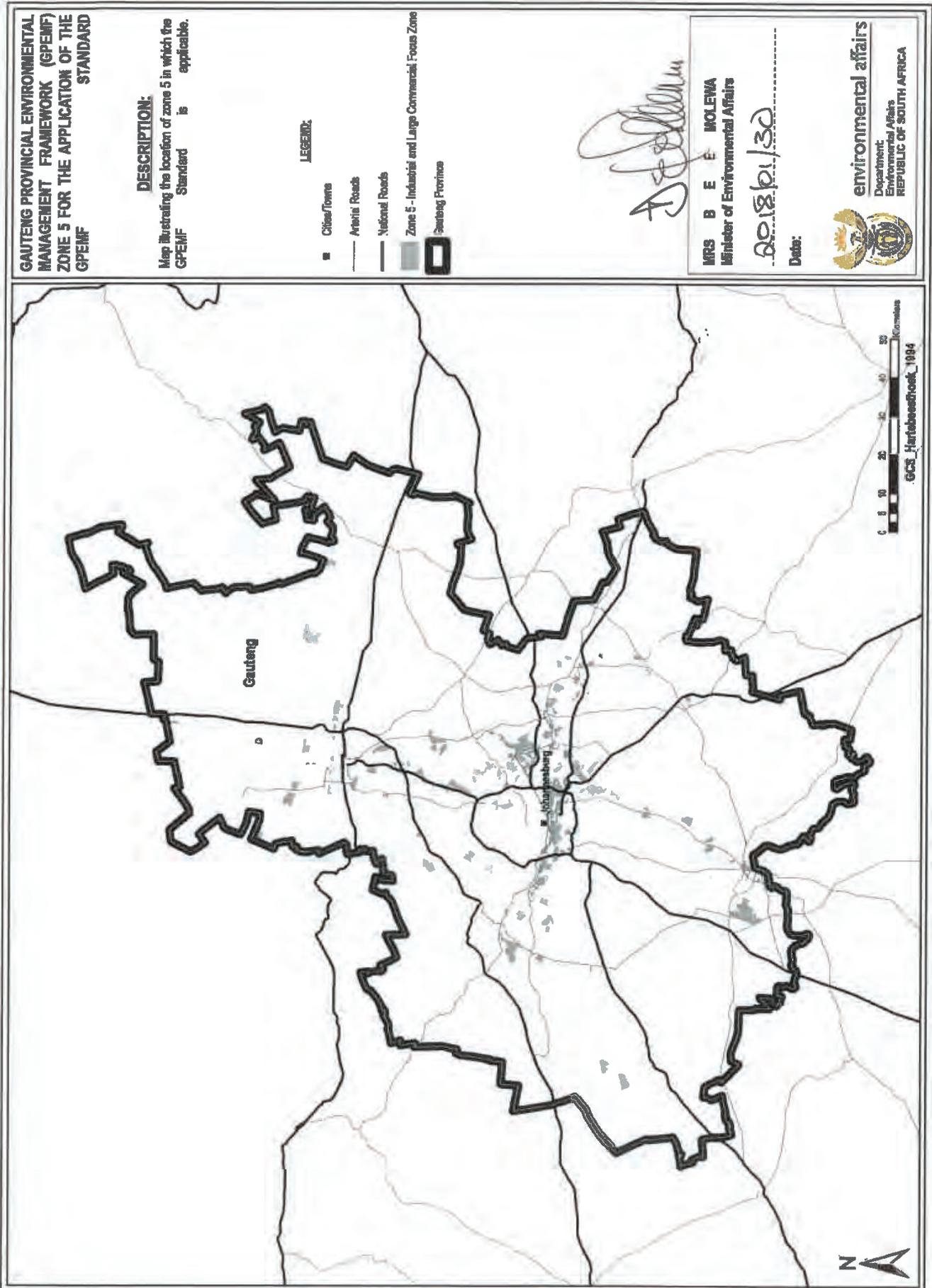
<b>LISTING NOTICE 2</b>	
<b>ACTIVITIES</b>	<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>
	<b>ZONE 1 &amp; / or ZONE 5</b>
	<p>1) The proponent must install measures to prevent exposure of harmful gases to people and the environments.</p> <p><b>Hazardous Substances Specification (Operational phase)</b></p> <p>1) Contaminated effluent or storm water run-off must be contained and disposed of at a licensed facility.</p> <p><b>Waste Specification (Development and Operational phase)</b></p> <p>1) Effluents should be managed in a manner that does not contaminate storm water and adjacent rivers.</p> <p><b>Specification for Soil Conservation (Operational phase)</b></p> <p>1) Contaminated soil must be disposed of at a licensed hazardous material facility to prevent contaminating the soil and ground water.</p>
Activity 9	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Visual Specification (Development phase)</b></p> <p>1) An existing transmission line servitude must be utilised (shared) to mitigate environmental and social impacts of a new transmission line.</p> <p><b>Biodiversity Specification (Operational phase)</b></p> <p>1) Anti-collision devices such as bird flappers must be installed where powerlines cross corridors that are associated with flight pathways.</p>
Activity 11	<p><b>ALL GENERALLY APPLICABLE ENVIRONMENTAL MANAGEMENT SPECIFICATIONS APPLY plus the Activity Specific Specifications below</b></p> <p><b>Noise Specification (Development phase)</b></p> <p>1) Water pumps must be housed in a fully enclosed brick structure or other suitable building designed to reduce the impact of noise generated from the pumps.</p>

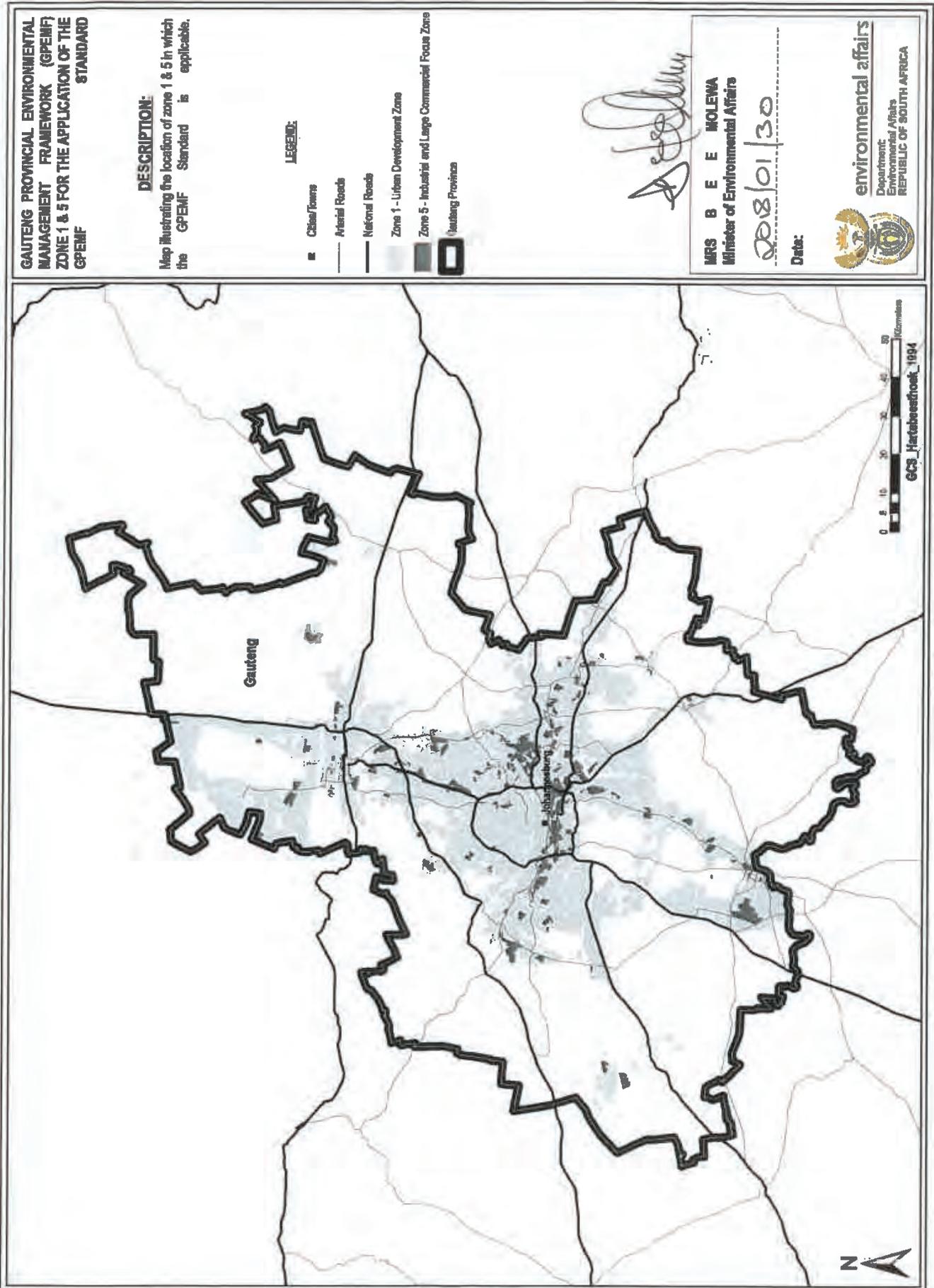
<b>LISTING NOTICE 2</b>	
<b>ACTIVITIES</b>	<b>ZONE 1 &amp; / or ZONE 5</b>
<b>ACTIVITY SPECIFIC ENVIRONMENTAL MANAGEMENT SPECIFICATIONS</b>	
	<p><b>Waste Specification (Development phase)</b>                      1) Storm water transportation facilities must be designed to prevent clogging and flooding in residential areas.</p> <p><b>Hazardous Substances Specification (Development phase)</b>                      1) Water pumps must be stored in a bunded area to contain fuel in the event of leaks or spillages.</p>

**APPENDIX 3**

**GPEMF ZONES**







**APPENDIX 4**

<b>REGISTRATION FORM A REQUEST TO BE REGISTERED AND INTENT TO COMPLY WITH THE GPEMF STANDARD</b>	
<b>FOR OFFICE USE ONLY</b>	
<b>Date Registration Form Received</b>	
<b>Outcome of Evaluation of the Registration Form</b>	<input type="checkbox"/> <b>Accepted</b> <span style="margin-left: 200px;"><input type="checkbox"/> <b>Rejected</b></span>
	<b>If rejected, provide reasons:</b>
<b>Registration Number</b>	

**Kindly note that:**

1. All fields must be completed in full; submission of incomplete information will result in automatic rejection.
2. Declaration of whether the registration is a first or a re-submission.
3. This form must be used in all instances for request for registrations that must be subjected to an excluded activity related to the GPEMF Standard in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) as amended.
4. This form is current as of the date of commencement of the Standard, as indicated in the Government Gazette. It is the responsibility of the proponent to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
5. The required information must be typed within the spaces provided in the form. The size of the space provided is not necessarily indicative of the amount of information to be provided. It is in the form of a table that will expand itself as each space is filled with typing.
6. Incomplete documentation will be rejected.
7. The use of "not applicable" in the form must be done with circumspection. Where it is used in respect of material information that is required by the competent authority for assessing the registration, this will result in the rejection of the registration as provided for in the regulations.
8. Unless protected by law, all information contained in, and attached to this registration, will become public information on receipt by the competent authority. Upon request, any interested and affected party should be provided with the information contained in and attached to this registration.
9. An original hard copy (1) of this form must be submitted to the Department at the Registry Office. The competent authority will also accept online submissions as and when the system comes into effect. All information submitted on the hard copy must be duplicated on the soft copy as a PDF document on the CD. The electronic copy on a CD must be accompanied with a shapefile (WGS84).
10. No faxed or e-mailed registration form will be accepted. Only hand delivered or posted registration forms will be accepted.
11. The relevant guidelines as quoted in the GPEMF Standard, can be obtained from the departmental website: [www.gdard.gov.za](http://www.gdard.gov.za) or [www.environment.gov.za](http://www.environment.gov.za) or the relevant departmental Registration Unit.

**INCORRECTLY COMPLETED AND INCOMPLETE REGISTRATION FORMS WILL NOT BE CONSIDERED**

<b>SECTION A: DETAILS OF THE PROPONENT OF THE DEVELOPMENT</b>	
All notifications pertaining to the request for registration project will be sent using the information provided in this section of the form.	
<b>Company (Include Trading Name)</b>	
<b>First Name</b>	
<b>Surname</b>	
<b>Email</b>	
<b>Telephone Number</b>	
<b>Cell phone Number</b>	

SECTION A: DETAILS OF THE PROPONENT OF THE DEVELOPMENT		
<b>Fax Number</b>		
<b>Postal Address</b>		
<b>Registration Status</b>	<b>First submission</b>	<b>YES / NO</b>
	<b>Resubmission</b>	<b>YES / NO</b>
	<b>If Resubmission, then provide the previous Reference number</b>	

SECTION B: SITE INFORMATION	
<b>Site Name</b>	
<b>Site Telephone Number (if any)</b>	
<b>Owner Name</b>	
<b>Owner VAT Registration Number (if applicable)</b>	
<b>Public or Commercial</b>	
<b>Please provide the Geographic Co-ordinates of all external corner points of the site</b>	
<b>Degrees Latitude</b> <b>Degrees Longitude</b>	
<b>Physical Address/Property Description<sup>1</sup></b>	
<b>Size of the Property</b>	

SECTION C: MUNICIPALITY INFORMATION	
<b>Municipality/ municipalities</b>	
<b>Contact Person (from Environment Management or Town Planning)</b>	
<b>Email</b>	

<sup>1</sup> (Farm name, portion etc.) Where a large number of properties (including alternatives) are involved (e.g. linear activities), please attach a list of the property descriptions to this registration form.

SECTION C: MUNICIPALITY INFORMATION	
Telephone Number	
Fax Number	
Postal address	
Physical address	

SECTION D: PROJECT DESCRIPTION	
Project Title	
Project Description	
GPEMF Zones in which the proposed development is situated	

SECTION E: EXCLUDED ACTIVITIES			
Only excluded listed activities will apply here. All 'excluded' listed activities for Listing Notice 1 and Listing Notice 2 associated with the development project must be indicated below:			
Zone 1 and/or Zone 5	Listing Notice 1 Activity No(s):	Describe the relevant activity/ activities in writing as per Listing Notice 1	Describe the portion of the development as per the project description that relates to the applicable listed activity

SECTION E: EXCLUDED ACTIVITIES			
<b>Zone 1 and/or Zone 5</b>	<b>Listing Notice 2 Activity No(s):</b>	<b>Describe the relevant activity/ activities in writing as per Listing Notice 2</b>	<b>Describe the portion of the development as per the project description that relates to the applicable listed activity</b>
<p><b>Please note:</b>                      Only those activities for which the Proponent applies will be considered for registration. The onus is on the Proponent to ensure that all the excluded listed activities are included in the registration. Failure to do so may invalidate the request for registration.</p>			

**SECTION F: DECLARATION BY THE PROPONENT OF THE DEVELOPMENT/FACILITY**

I, \_\_\_\_\_ hereby declare that I have read the completed registration form and hereby confirm that the information provided is to the best of my knowledge true and correct.

I declare that I have not commenced with the project as described in Section D of this form and will not commence until a registration number has been received as contemplated in the GPEMF Standard.

Furthermore, I declare that I am fully aware of my responsibilities in terms of the GPEMF Standard in terms of the NEMA, as amended and failure to comply with these requirements may constitute an offence.

**Owner of the Facility (Name and Surname)** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Signature** \_\_\_\_\_ (duly authorised to sign on behalf of Owner of the Facility)

**Date** \_\_\_\_\_ **Place** \_\_\_\_\_

**Commissioner of Oaths** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Signature** \_\_\_\_\_

**Date** \_\_\_\_\_ **Place** \_\_\_\_\_

\_\_\_\_\_  
**Commissioner of Oaths Stamp**

SECTION G: DECLARATION BY THE LAND OWNER <sup>2</sup>	
<b>NB:(Only if the landowner is different from the Owner of the Facility)</b>	
I, _____ declare that I -	
<ul style="list-style-type: none"> <li>• Am, aware of the development activity/ activities to take place or taking place in my property</li> <li>• Consented to this/ these activity/activities taking / to take place in my property 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 Proponent is responsible in terms of the GPEMF Standard in terms of the NEMA, 1998 as amended.</li> </ul>	
Owner of the Facility (Name and Surname) _____	
Designation _____	
Signature _____	
Date _____	Place _____
Commissioner of Oaths _____	
Designation _____	
Signature _____	
Date _____	Place _____
_____	
Commissioner of Oaths Stamp	

<sup>2</sup> In the event of more than one landowner, each landowner must sign the declaration.

<b>GPEMF Standard Registration Number</b>	
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## DECLARATION OF THE CHANGE OF OWNERSHIP

I, \_\_\_\_\_ (full names of proponent) an adult male/female with identification number \_\_\_\_\_ residing at \_\_\_\_\_ (physical address), declare under oath that, I -

1. am the new owner of the facility with details as indicated in table below. I fully understand that I am responsible for the development in the location;
2. am responsible for ensuring compliance with the GPEMF Standard in terms of Section 24(2)(c) of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) as amended and can be subjected to enforcement action on my failure to comply with the GPEMF Standard;
3. am aware of my responsibility to exercise an environmental duty of care in terms of section 28 of the NEMA to take reasonable measures to prevent environmental pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment;
4. confirm that I have personally read all the generally applicable and activity specific Environmental Management Specifications for the GPEMF Standard, understand it and am familiar with the information submitted in this document and all attachments and that, based on my enquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete;
5. am aware of my responsibility to make available the proof of registration letter as contemplated in section 4(7) the GPEMF Standard; and

6. am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Signature of Proponent: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Owner: \_\_\_\_\_

Name of Company: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the Commissioner of Oaths: \_\_\_\_\_

Date: \_\_\_\_\_

Designation: \_\_\_\_\_

Official stamp:

<b>1. NEW OWNER DETAILS</b>	
<b>Name of Individual / company</b>	
<b>Contact Person</b>	
<b>Passport/ Identity Document (ID) Number</b>	
<b>Company Registration Number</b>	
<b>Physical Address</b>	
<b>Postal address</b>	
<b>Email Address</b>	
<b>Phone No.</b>	
<b>Fax No.</b>	