

**ENVIRONMENTAL MANAGEMENT PLAN REPORT (EMPr) FOR THE PROPOSED
DEVELOPMENT OF A TELECOMMUNICATION MAST ON PORTION 5 OF THE
FARM NOOITGEDACHT 87 JS**

REF: 1/3/1/16/1N-145

PREPARED FOR:

**THE DEPARTMENT OF AGRICULTURE, RURAL DEVELOPMENT, LAND AND
ENVIRONMENTAL AFFAIRS NKANGALA DISTRICT**

**c/o Rosemead and Ryan Road ,
Witbank
1035
Tel: 013 692 5843**

**PREPARED BY KATLEGO KALE
14 SEPTEMBER 2018**

**HUAWEI TECHNOLOGIES SOUTH AFRICA (PTY) LTD
UNIT 12 WOODLANDS OFFICE PARK
WOODLANDS
JOHANNESBURG
2191**



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1. INTRODUCTION

This Environmental Management Plan Report for the telecommunication mast on the **on Portion 5 Of The Farm Nooitgedacht 87 JS** is prepared and aligned in terms of regulation 19 (4) of the EIA regulations (GN R. 326, 07 April 2017) of the National Management Act, 1998 (Act 107 of 1998).

This Environmental Management Plan will therefore, guide the developer together with the contractors to ensure that the environment is not significantly impacted during the development process. By adhering to this plan it does not mean the biophysical environment will not be affected, however, the environmental impact will be minimised as low as possible.

The application for the proposed Basic Assessment Report (BAR) on the Portion 5 of the Farm Nooitgedacht 87 JS in the Thembekele Hani Local Municipality was submitted by Huawei Technologies Pty Ltd to the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (DARDLEA) Nkangala District in September 2018. The application was accepted and given the following reference number which should be used in all correspondences regarding this project: **REF: 1/3/1/16/1N-145.**

The proposed development will be of a 70 m lattice telecommunication mast with a 14m x14m base. This development will allow for the improvement of telecommunication services to be established and the improvement of communication. It is therefore recommended after all the studies and communication with the interested and affected parties that the departments allow this establishment to take place.

2. DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

The Environmental Assessment Practitioner:

Huawei Technologies Pty Ltd

Unit 12 Woodlands Office Park

Woodlands

Johannesburg

2191.

Tel : 078 136 2284.

Contact person: Ms Katlego Kale

Expertise: Ms Katlego Kale has completed her Master's Degree in Urban and Regional Planning in the year 2016. She holds an Honours Degree in Spatial Planning and a Bachelor's Degree in Geography and Environmental Management. Due to her sincere interest in Environmental Planning and Conservation within urban areas, she began her career as Junior Town Planner and later an Environmental Assessment Practitioner for a private consultancy. Katlego went on to manage the Environmental Section within 2 years of working for the consultancy.

Experience: Katlego has become member of IAIAA, IWMSA as well as SACPLAN. Ms Kale has over 4 years of experience in environmental management, including Basic Assessments, Full Scoping and EIR processes as well as landfill management, monitoring and auditing, mining applications, liquor license applications and drafting environmental strategies and reports. She has worked throughout the Free State, KwaZulu Natal, Northern Cape, Gauteng and North West Provinces.

3. DETAILS OF THE APPLICANT

Mobile Telephone Networks Pty Ltd (MTN) is a South African based multinational mobile telecommunications company. The company, in

its quest to improve telecommunication networks and infrastructure, is the applicant for this proposed project. The contact details for the applicant are as follows:

Contact Person: Mr Hlompho Mapadimeng

Regional Property Lead

Mobile Telephone Networks Pty Ltd

216 14th Avenue Fairland

2195

C: +27 83 209 2496

4. CHECKLIST FOR THE PROPOSED PROJECT

4.1 GIVE A DETAILED DESCRIPTION OF THE DEVELOPMENT

The project involves the establishment of a telecommunication base station that may include the following activities for which environmental design criteria and specifications have been developed:

- A 70m telecommunication mast;
- Receiving and transmission equipment of any size or design;
- Electronic cabling connections;
- Electrical connection;
- Security fencing and walling;
- Any equipment or activity necessary for the establishment of the base station.

4.2 IS THE PROJECT SIGNIFICANTLY DIFFERENT FROM THE SURROUNDING LAND USE?

Yes, the surrounding area is agricultural some open spaces.

4.3 ARE ANY OF THE FOLLOWING LOCATED ON THE SITE CHOSEN FOR THE DEVELOPMENT?

- i. River, stream, dam, wetland — <20 km
- ii. Open space area – **Yes**
- iii. Residential (formal or informal settlement) No
- iv. Area of cultural importance, e.g. graveyards, old houses, museum, etc. – **Not established. The Draft BAR will be sent to**

SAHRA to establish if there are any objects that may be of cultural significance.

4.4 ARE THERE ANY PROTECTED AREAS CLOSE TO THE PROPOSED SITE?

There is Mabusa Nature Reserve and Olifantsrivier near the area.

4.5 WILL THE PROJECT BE CONSIDERED A NOISY INTRUSION TO THE NEIGHBORS?

No. There will only be minimal noise during the construction phase and operation phase.

4.6 WOULD IT BE NECESSARY TO CONSTRUCT ROADS TO ACCESS THE PROPOSED SITE?

No, there are already access routes to the site.

5. ENVIRONMENTAL MANAGEMENT PLAN

5.1 INTRODUCTION

The EMP is a legally binding document, which outlines the environmental impacts associated with the establishment of a mast, the mitigation measures to ameliorate the environmental impacts and roles of responsible persons. It has been divided into five different phases namely the **pre-construction planning, the construction, and post-construction, operational and decommissioning phase**. It should be read in conjunction with the contract documentation to ensure the contractor works in an environmentally sensitive manner, thus ensuring the impacts on the environment and neighbouring community are kept to a minimum. Should there be any conflict between the EMP and project specifications, the terms herein shall be secondary.

5.2 OBJECTIVES OF THE EMPR

The aim of the EMP is to ensure that impacts on the environment due to the proposed development are limited. To achieve this, the EMP has the following objectives:

- To identify possible impacts of the proposed activity on the environment and mitigation thereof.
- To provide information on construction activities associated with the identified environmental issues.
- To provide guidelines for the management of the identified environmental issues.
- To provide guidelines to the responsible person to follow appropriate contingency plans in the case of various possible impacts.
- To comply with all applicable laws, regulations and guidelines.

5.3 RESPONSIBLE PERSON(S)

The implementation of this EMP requires the involvement of various role players, each with specific responsibilities to ensure that the development is completed in an environmentally sensitive manner.

5.3.1 Landowner

The landowner holds the ultimate accountability of the land that is being developed and has the final decision making capacity of the land in question.

5.3.2 The developer/implementing agent:

The person or organization that is responsible for funding and implementing the project or activity. The responsibility and liability associated with environmental compliance rests with the landowner via the developer

RESPONSIBILITY:

- To undertake the detailed design for the proposed development and to ensure that necessary permits have been obtained.
- To review the method statements provided by the contractor.
- To monitor the contractor's compliance with Environmental Specifications
- To review complaints and issue site instructions.
- To review and approve all areas that has been rehabilitated.

5.3.3 The Environmental Control Officer (ECO)

The role of the Environmental Control Officer (ECO) is to act as a quality controller regarding all environmental concerns. The ECO will manage and undertake regular environmental inspections for the duration of the project, both for construction, operation and decommissioning as required.

RESPONSIBILITY:

- To ensure that the contractor implement the EMP for the duration of the project from pre-construction to rehabilitation,
- To maintain direct open line between applicant, project consultant, contractor and Project Steering Committee;
- To audit the implementation of the EMP and compliance to the environmental authorisation once a month.

5.3.4 The Contractor

The contractor will be appointed by the developer to undertake the works on site as agreed, but is liable for all remedial work required in terms of the environmental plan specification, resulting from his environmental negligence, mismanagement and or non-compliance.

RESPONSIBILITY:

- To implement the EMP and keep a copy of the EMP on-site for the duration of the construction phase because obligations imposed by the EMP are legally binding to environmental legislation.

- To comply with the Environmental Authorisation and undertake his construction activities in an environmentally sensitive manner and rehabilitation of the site.
- To undertake good housekeeping practices during duration of the project.
- To ensure that adequate environmental awareness training takes place in the language of the employees.

5.4 RECORD KEEPING

There should be an up to date filing system at the site office for the duration of the project whereby method statements, environmental incidents report, training records, audit reports and public complaints register are kept. They should be available at any time for scrutiny by any relevant authority. It is imperative that photographs of the site should be taken pre-, during and post-construction as a visual reference.

5.5 PENALTIES

In cases of transgressions and non-compliance to the EMP by the contractor, he shall be liable to a penalty fine.

The resident engineer will issue the penalties in terms of the severity on the environment. Transgressions should be recorded in a dedicated register, and be kept at the site office for the duration of the project.

5.6 MONITORING

Regular monitoring and auditing of all the environmental management measures and components should be done to ensure that the provisions of this programme are adhered to. If the contractor isn't adhering to the EMP, then a verbal directive can be issue for the first transgression, thereafter written directives will follow. A written response from the

contractor indicating how the transgression was addressed should be recorded. If there are any inadequacies in terms of mitigating impacts, the outline measures should be reviewed and adjusted accordingly.

6. ENVIRONMENTAL MANAGEMENT PLAN

Table 1 below outlines the Environmental Management Plan to be followed for the proposed development of a new telecommunication mast.

6.1 GENERAL OBLIGATIONS DURING THE PRE-CONSTRUCTION AND CONSTRUCTION PHASE

6.1.1 IMPACT: INFRASTRUCTURE QUALITY

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Specification of the design and materials to be utilised	The specification of the design and materials to be utilised in the construction of the cellular base station and associated infrastructure must comply with the minimum specification requirements as prescribed by MTN.	Contractor responsible for construction and MTN	During planning/pre-construction phase

6.1.2 IMPACT: INFRASTRUCTURE REQUIREMENTS SPECIFIED IN THE ENVIRONMENTAL AUTHORIZATION

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Requirements and recommendations specified in the Environmental Authorization	The site must be positioned and designed in accordance with the specific conditions as set out in the Environmental Authorization. The contractor shall observe all requirements and recommendations specified in the Environmental Authorization with specific reference to the type, height and colour of the mast and equipment.	MTN and contractor responsible for construction	During planning/pre-construction phase

6.1.3 IMPACT: DUST, NOISE AND WATER POLLUTION

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
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Earthworks and vegetation clearance	<p>Affected parties on or in the vicinity of the site, including in particular surrounding landowners and any official responsible for existing installations on the site, shall be advised in advance of unavoidable disturbances.</p> <p>Activities that generate unavoidable disturbances through the creation of noise or dust must be limited to normal working hours in order to avoid complaints by the surrounding landowners. The contractor shall address any complaints.</p> <p>The contractor shall identify any water resource in the proximity of the site and shall ensure that drainage from construction areas is such that the clarity and quality of water is in no way affected by construction activities.</p>	Contractor responsible for construction	During planning/pre-construction phase & construction phase
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6.1.4 IMPACT: PROTECTION OF FLORA AND FAUNA

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
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Disturbance of fauna and flora by construction activities	<p>Trampling and disturbance associated with construction activities should be limited to within five metres of the footprint of the site. Ensure minimal disturbance to the natural flora and fauna of the area. Under no circumstance should the Nature Reserve or River be impacted negatively.</p> <p>No paint works should be left on the natural environment</p>	Contractor responsible for construction	Construction phase
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6.1.5 IMPACT: LITTER

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Littering by construction workers and construction debris	The contractor shall not permit work teams to litter tins, paper, glass etc. and construction debris. On completion of the project all litter and construction debris shall be removed from the site immediately. Under no circumstances shall litter and debris be buried or hidden on or near the site after project completion.	Contractor responsible for construction	Construction phase

6.1.6 IMPACT: BLASTING

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Blasting	<p>The Contractor shall notify residents should blasting be required and shall adhere to the requirements of the Explosives Act, 1956. Notices shall be placed on site in order to inform the adjacent owners of blasting activities and the contractor shall give all potentially affected parties notice of his intent to execute any blasting work. Blasting will be done at appropriate times of the day to ensure that noise disturbance and vibrations are kept to a minimum, and blasting will be undertaken using appropriate techniques.</p> <p>The contractor will be bound to ensure that blasting operations do not cause damage to property. The contractor shall also be obliged to ensure that the dangers of fly rock to people and properties are eliminated. The contractor shall keep a photographic record of the condition of the affected buildings or structures and shall acquire the signature of the surrounding owners/occupants agreeing to the condition of</p>	Contractor responsible for construction/sub-contractor responsible for blasting	Construction phase

	the structures.		
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6.1.7 IMPACT: EXCAVATIONS

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Earthworks	Unless otherwise specified topsoil shall be stockpiled separately from the base course material. Fill slopes are to be allowed to slump to their naturally occurring slope and cut embankments are to be cut back to a 1:3 slope. All slopes are to be covered by a minimum of 200mm depth of topsoil during the rehabilitation phase of the project.	Contractor responsible for construction	Construction & rehabilitation phase

6.1.8 IMPACT: SURFACING MATERIAL

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Surfacing	Surfacing material selected shall be compatible with the surrounding environment.	Contractor responsible for construction	Construction & rehabilitation phase

6.1.9 IMPACT: HISTORICAL SITES AND OBJECTS

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
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Earthworks and vegetation clearance	If a seemingly historical object, gravestone, geological feature or other distinguishable area of disturbance is observed on the site, the said object or area shall not be removed or tampered with. The contractor shall immediately report the presence of seemingly historical sites and objects to MTN.	MTN and contractor responsible for construction	During pre-construction phase & construction phase
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6.1.10 IMPACT: SITE ACCESS ROAD			
ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Construction vehicles making use of the access road to the construction site	<p>Vehicles are to make use of the existing access road to the site as far as possible.</p> <p>Access to the site used by the contractor shall be maintained during construction to avoid dust.</p> <p>The area affected by the access road, turning circles and parking of vehicles around the site shall be minimised. Vehicles shall adhere to the designated roads and areas and not be allowed to depart from it. The contractor shall implement the rehabilitation of the area affected by the construction vehicles.</p>	Contractor responsible for construction	Construction phase

6.1.11 IMPACT: STORMWATER MANAGEMENT

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Stormwater Management	Before the commencement of construction, the ECO shall indicate which stormwater measures should be applied during the construction of the cellular base station and associated infrastructure.	ECO and contractor responsible for construction	During planning/pre-construction phase & construction phase
	During construction and particularly during the rainy season, berm walls shall be installed around the stockpiled areas on the site to prevent stormwater depositing this material onto adjacent properties or roads.		
	The contractor and subcontractors shall adhere to the recommendations of the ECO and the design specifications.		

6.1.12 IMPACT: SERVICING OF VEHICLES AND EQUIPMENT ON SITE

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Servicing of Vehicles and Equipment on Site	No servicing of vehicles is to be permitted on site. Servicing of equipment may take place on site but only when unavoidable, such as generators. In this case, all steps must be taken to ensure that no oil is spilt and that all waste, such as filters, is	Contractor responsible for construction	Construction phase

	removed from the site and disposed in an environmentally legal manner.		
6.1.13 IMPACT: NOISE FROM GENERATOR			
ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Temporary Power Supply	Should a generator be deployed such generator shall comply with the maximum noise levels as stipulated in the Noise Control Regulations published under the Environment Conservation Act, 1989 (Act No 73 of 1989)	Contractor responsible for construction	Construction phase

6.1.14 IMPACT: FIRES

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Fires	<p>No open fires shall be allowed in the veld under any circumstances.</p> <p>The contractor shall ensure that adequate fire fighting equipment, fit for purpose and reasonable in the circumstances, is available on site at all times. All personnel on the site shall be trained in the use of such equipment.</p>	Contractor responsible for construction	Construction phase

6.1.15 IMPACT: ABLUTION FACILITIES

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Ablution Facilities	Should existing toilet facilities not be available on or near the construction site, such facilities shall be supplied and maintained for the use of the contractor's staff. Regular inspections shall be carried out to ensure toilets are kept in a hygienic state. Toilet paper shall be supplied to all toilets. Staff shall be advised to the fact that they should use these toilets at all times.	Contractor responsible for construction	Construction phase

6.1.16 IMPACT: SECURITY AND PRIVACY OF SURROUNDING PROPERTIES

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Activities of construction workers	During the construction period the inconvenience to the surrounding property owners should be kept to an absolute minimum. The management of workers during construction is essential to avoid intrusion of people's privacy and properties. Define the area of the construction camp in such a manner as to limit the movement of site personnel.	Contractor responsible for construction	Construction phase

6.1.17 IMPACT: WATER SUPPLY

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Water Supply	Agree upon the water supply source with the landowner .	Contractor responsible for construction	During planning/pre-construction phase & construction phase

6.1.18 IMPACT: SOLID WASTE DISPOSAL

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Solid Waste Disposal	Agree upon the method of waste disposal with the ECO. Particular attention shall be given to the disposal of solvents and other products used in the painting as well as any plastic components used in electrical wiring. The collection point for waste material shall be an enclosed structure to eliminate the risk of wind scatter. All waste must be disposed to a previously identified, registered or permitted waste disposal site.	Contractor responsible for construction	During planning/pre-construction phase & construction phase

6.2 CONSTRUCTION PHASE: CELLULAR INSTALLATION SITE

6.2.1 IMPACT: SITE CLEARANCE AND LEVELING

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Site Clearance and Leveling	<p>Clear the area of the site paying specific attention to the specifications of the EMPr.</p> <p>Level the area of the site and remove any surplus material from the site. Topsoil should be stockpiled to be used in the rehabilitation process.</p>	Contractor responsible for construction	Construction phase & Rehabilitation phase

6.2.2 IMPACT: FOUNDATION PREPARATION

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Foundation Preparation	<p>Material emanating from the excavation of foundations should be stockpiled for later use in the rehabilitation of the site. When casting concrete foundations, care must be taken to avoid spilling concrete on the site. Any material spilled must be collected and disposed of with the other waste from the site.</p> <p>Ensure that no erosion of the foundation takes</p>	Contractor responsible for construction	Construction & Rehabilitation phase

	<p>place, especially if gravel is used beyond the perimeter of the fence for the leveling of the foundation. All fill originating from the site shall be leveled and incorporated into the surroundings and rehabilitated in such a way that it blends in with the surrounding natural environment. All excess construction material shall be removed from the site by the contractor and disposed to a previously identified waste disposal site as approved by the ECO.</p>		
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6.2.3 IMPACT: HERBICIDES AND INSECTICIDES

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
<p>Use of herbicides and insecticides to protect the installations</p>	<p>Should it be necessary to make use of herbicides and insecticides to protect the installations, the application of such chemicals shall be restricted to the base station site.</p> <p>The application of the herbicides and insecticides shall be done in accordance with the stipulations of The Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act No 36 of 1947.</p> <p>The contractor applying any herbicides and insecticides shall be in possession of a Pest Control Operator (PCO) license.</p> <p>The application of the chemicals shall not exceed the prescribed dosage for the specific product used.</p> <p>In all instances the application of the herbicides and insecticides should be of such nature that it will not cause any environmental harm</p>	<p>Contractor responsible for construction</p>	<p>Construction phase</p>

6.2.4 IMPACT: FENCING AND SECURITY OF THE SITES

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Fencing and Security of the Sites	<p>When required in terms of the Specific Conditions of the Environmental Authorization a security fence shall be erected around the site.</p> <p>Lighting of the site shall be done in such a way that it will not be an inconvenience to surrounding landowners.</p>	Contractor responsible for construction	Construction phase

6.2.5 IMPACT: CHEMICAL, FUEL, AND OIL HANDLING

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
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Chemical, Fuel, and Oil Handling	<p>All Contractors shall ensure that an emergency cleanup program is in place in event of an accidental spill or leak of fuel, oil or chemicals.</p> <p>Spillage of oil from crankcase oil draining or other such activities shall be prevented. If an accident occurs and fuels, oils or chemicals are spilled or dumped on the ground, the affected soil shall be removed, placed in drums and disposed of in compliance with national legislation.</p> <p>Disposal and storage of materials such as water, rags, and pads, containing oils, filters, chemicals, liquid fuels, lubricating oils, or other potentially hazardous materials shall be in a manner satisfactory to the ECO.</p> <p>Hazardous chemicals, fuels, and other noxious or toxic substances shall be stored in covered containers in fenced areas for security reasons.</p>	<p>Contractor responsible for construction</p>	<p>Construction phase</p>
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6.2.6 IMPACT: SOURCING MATERIALS FROM THE SITE

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Sourcing Materials from the Site	The contractor shall store sand, stone and cement in a demarcated area and care shall be taken not to allow any materials to spill beyond the site. Concrete mixing shall take place in a defined area and on top of boarding or sheeting so as to protect the ground. These boards and/or sheeting shall be removed from the site once the mixing is complete. Any spillage or overrun of material, which may occur, must be cleaned and removed from the site by the contractor.	Contractor responsible for construction	Construction phase

6.2.7 IMPACT: STRUCTURE ASSEMBLY AREA

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Structure Assembly	An area shall be defined by the contractor to allow for the assembly of the mast. This must take into account the need for off-loading or the component parts and positioning of the crane on solid ground for the final erection of the mast. This shall be planned to require the	Contractor responsible for construction	Construction phase

	minimal removal of vegetation or risk of damage to the surrounding structures.		
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6.2.8 IMPACT: PRIMING AND PAINTING

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Priming and Painting	Care must be taken by the contractor to avoid the spillage of painting and solvent material on site. Adequate containers for cleaning of equipment and for the storage of waste products must be provided and all waste products resulting from the painting operation must be entirely removed from the site by the contractor.	Contractor responsible for construction	Construction phase

6.2.9 IMPACT: WASTE FROM ELECTRICAL CONNECTIONS

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Work on Electrical Connections	All waste products resulting from electrical connections must be removed from the site by the contractor.	Contractor responsible for construction	Construction phase

6.2.10 IMPACT: VISUAL IMPACTS OF CONSTRUCTION ACTIVITIES

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Visual Impacts of construction activities	The contractor shall comply with the visual requirements of the Environmental Authorization. The contractor shall ensure that the visual impact of the construction activities is minimised.	Contractor responsible for construction	Construction phase

6.2.11 IMPACT: REHABILITATION

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Rehabilitation	<p>When the civil and construction work is complete, the site shall be cleaned and rehabilitated by the contractor.</p> <p>All waste materials, infrastructure, equipment, plant and other items used during the construction shall be removed from the site. No burial of any foreign material on the site shall be allowed.</p> <p>Areas devoid of vegetation or where spoils have been compacted shall be covered with topsoil and if necessary, be seeded, in order to allow for the vegetation to re-establish.</p>	Contractor responsible for construction	Construction & Rehabilitation phase

6.3 POST-CONSTRUCTION AND OPERATIONAL PHASES

This phase will determine the ultimate success of the implementation of the management proposals of the EMPr. A post construction environmental audit is to be conducted by the ECO in order to ensure that all conditions of the EMPr have been adhered to.

6.3.1 IMPACT: SERVICING AND MAINTENANCE

ACTIVITY	MITIGATION MEASURES	RESPONSIBLE	TIME FRAME
Servicing/Maintenance	<p>Herbicides and Insecticides should be applied according to the specifications of this EMPr and within the prescribed dosage.</p> <p>Where repainting has been undertaken, all waste materials shall be removed from the site. Existing access roads to the site shall be used. Where such roads have been damaged by erosion, repairs shall be undertaken to avoid further damage of the road and the surrounding environment.</p>	Contractor responsible for maintenance of the site	Post-Construction and Operational Phases

7. DECOMMISSIONING

7.1 INTRODUCTION

The decommissioning plan is part of the Environmental Management Plan. It is highly unlikely that decommissioning would be proposed at the end of the life-cycle of the mast as this is seen to be a lifetime structure. Should there be decommissioning, this process shall comply with the stipulations of the Occupational Health and Safety Act (Act 85 of 1993). The decommissioned structures shall be removed from the site. When a new structure is to be erected on the same site, the contractor shall comply with all the conditions as set out in the EMPr. When the site is no longer required, the area of the base station shall be rehabilitated to conform to the immediate surrounding environment. MTN and the contractor will be responsible for the decommissioning of the base station

8. CONCLUSION

We sincerely hope that the MP DARDLEA will consider this Environmental Management Plan solely on its merits and obviously within the legal parameters of development control. We are available to answer any questions relating to the proposal and look forward to beneficial relationship.

