

# **Appendix E: Public Participation**

# **Appendix 1**

## **Notice on site**



## **Appendix 2**

### **Written notices issued to I&AP's**

**Elaine**

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** Wednesday, 20 September 2017 4:01 PM  
**To:** LeburuN@dws.gov.za; MokoenaN@dws.gov.za  
**Cc:** 'Elaine'  
**Subject:** Proposed Telecommunication Mast - KZN17 Park Rynie Ref LOK2017/012

Dear I&AP

We hereby notify you that the Draft Basic Assessment Report (BAR) for the above is available for review and comment from **20 September 2017 to 22 October 2017**.

**DRAFT BASIC ASSESSMENT REPORT**

**THE PROPOSED CONSTRUCTION OF A TELECOMMUNICATION – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)  
REF NR. LOK2017/012**

**Project description**

The construction of a 45m Cellular mast in a 8m x 8m footprint/base station and a support container to be situated on the Remainder of Erf 583 Park Rynie.

**Regulatory Process**

In terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) and associated EIA Regulations published during 2014 (as amended 2017), an Environmental Authorisation should be obtained from the relevant decision making authority, prior to the commencement of certain listed activities that may result in potential negative impacts on the environment.

The activity applied for:

**Activity listed under GN R985:**

Activity 3 – The Development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower: (a) to be placed on a site not previously used for this purpose; and (b) will exceed 15m in height (d) KwaZulu-Natal xiii. Inside urban areas: (dd) Areas within 1 kilometre from terrestrial protected areas identified in terms of NEMPAA.

**Location**

The site is situated 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

Should you require an electronic copy of the report, please be so kind as to contact Emanuel Maluleke or Faith Makena on (012) 346 7655 or [lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)/ [faith@lokisa.co.za](mailto:faith@lokisa.co.za) in order to make arrangements to collect an electronic copy at:

72 Herbert Baker Street  
Groenkloof  
Pretoria  
0081

The copy is also available via Dropbox.

**Please advise should you require a CD or a Dropbox link of the Draft Report.**

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

72 Herbert Baker Street, Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

**Elaine**

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** Wednesday, 20 September 2017 3:56 PM  
**To:** promobag@gmail.com; 'LeburuN@dws.gov.za'; 'MokoenaN@dws.gov.za'  
**Cc:** 'Elaine'; 'Faith Makena'  
**Subject:** Proposed Telecommunication Mast - KZN17 Park Rynie Ref LOK2017/012

Dear I&AP

We hereby notify you that the Draft Basic Assessment Report (BAR) for the above is available for review and comment from **20 September 2017 to 22 October 2017**.

**DRAFT BASIC ASSESSMENT REPORT**

**THE PROPOSED CONSTRUCTION OF A TELECOMMUNICATION – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)  
REF NR. LOK2017/012**

**Project description**

The construction of a 45m Cellular mast in a 8m x 8m footprint/base station and a support container to be situated on the Remainder of Erf 583 Park Rynie.

**Regulatory Process**

In terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) and associated EIA Regulations published during 2014 (as amended 2017), an Environmental Authorisation should be obtained from the relevant decision making authority, prior to the commencement of certain listed activities that may result in potential negative impacts on the environment.

The activity applied for:

**Activity listed under GN R985:**

Activity 3 – The Development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower: (a) to be placed on a site not previously used for this purpose; and (b) will exceed 15m in height (d) KwaZulu-Natal xiii. Inside urban areas: (dd) Areas within 1 kilometre from terrestrial protected areas identified in terms of NEMPAA.

**Location**

The site is situated 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

Should you require an electronic copy of the report, please be so kind as to contact Emanuel Maluleke or Faith Makena on (012) 346 7655 or [lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)/ [faith@lokisa.co.za](mailto:faith@lokisa.co.za) in order to make arrangements to collect an electronic copy at:

72 Herbert Baker Street  
Groenkloof  
Pretoria  
0081

The copy is also available via Dropbox.

**Please advise should you require a CD or a Dropbox link of the Draft Report.**

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

72 Herbert Baker Street, Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)



## Emanuel Maluleke

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** 04 May 2017 02:15 PM  
**To:** 'edwin.baptie@gmail.com'  
**Cc:** 'Elaine'; 'Faith Makena'; 'matimu@lokisa.co.za'  
**Subject:** KZN17 PARK RYNIE  
**Attachments:** KZN17 - Park Rynie.pdf; STAKEHOLDER COMMENTS 1...doc; AD notice Park Rynie.doc

<b>Tracking:</b>	<b>Recipient</b>	<b>Read</b>
	'edwin.baptie@gmail.com'	
	'Elaine'	
	'Faith Makena'	
	'matimu@lokisa.co.za'	Read: 2017/05/04 02:33 PM

Dear Cllr E.V Baptie

**NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT –  
PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)  
Ref Nr. LOK2017/012**

Please see the attached notice for your attention.

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc  
REG NO: 2001/026529/07  
72 Herbert Baker Street, Groenkloof  
P.O.BOX 219 GROENKLOOF 0027  
TEL (012) 346 7655  
FAX (012) 346 6074  
[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

## Emanuel Maluleke

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** 09 November 2017 10:57 AM  
**To:** 'LeburuN@dws.gov.za'; 'MokoenaN@dws.gov.za'  
**Cc:** 'Elaine Minnaar'  
**Subject:** Comments on Draft Basic Assessment Report  
**Attachments:** Department of Water and Sanitation.docx; Department of Water and Sanitation.docx; Department of Water and Sanitation.docx

Dear Leburu N/ Mokoena N (Department of Water and Sanitation)

I trust you are both well,

May you please provide us with your comments on the Draft BAR for sites:

- KZN02 Bayview Station
- KZN17 Park Rynie
- KZN30 Warner Beach

Thank you

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

72 Herbert Baker Street, Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

## **Emanuel Maluleke**

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** 09 November 2017 10:50 AM  
**To:** 'kavershens@umdoni.gov.za'  
**Cc:** 'Elaine Minnaar'  
**Subject:** KZN17 PARK RYNIE (REMAINDER OF ERF 583 PARK RYNIE)  
**Attachments:** uMndoni Local Municipality.docx

Dear Mr S Kavershen (uMdoni Local Municipality)

I trust you are well,

May you please provide me with your comments on the Draft BAR for site: KZN17 Park Rynie.

Thank you

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

72 Herbert Baker Street, Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

## Emanuel Maluleke

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** 09 October 2017 02:13 PM  
**To:** 'Shara Singh'  
**Cc:** 'Elaine'  
**Subject:** RE: Proposed Telecommunicaion Mast - KZN17 Park Rynie Ref LOK2017/012

Good Day Cllr Shara Singh

Herewith the Dropbox Link to the Park Rynie Draft Report:  
[https://www.dropbox.com/sh/cyado6yqwvxc6x/AAB6agg\\_luSFMGaLbJWddzeYa?dl=0](https://www.dropbox.com/sh/cyado6yqwvxc6x/AAB6agg_luSFMGaLbJWddzeYa?dl=0)

### Kind Regards

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc  
REG NO: 2001/026529/07  
72 Herbert Baker Street, Groenkloof  
P.O.BOX 219 GROENKLOOF 0027  
TEL (012) 346 7655  
FAX (012) 346 6074  
[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

**From:** Shara Singh [mailto:promobag@gmail.com]  
**Sent:** 09 October 2017 12:27 PM  
**To:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Subject:** Re: Proposed Telecommunicaion Mast - KZN17 Park Rynie Ref LOK2017/012

Dear Emanuel

Kindly forward me the dropbox link for the report

Kind regards  
*Cllr Shara Singh*

On Wed, Sep 20, 2017 at 3:55 PM, Emanuel Maluleke <[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)> wrote:

**Dear I&AP**

We hereby notify you that the Draft Basic Assessment Report (BAR) for the above is available for review and comment from **20 September 2017** to **22 October 2017**.

**DRAFT BASIC ASSESSMENT REPORT**

**THE PROPOSED CONSTRUCTION OF A TELECOMMUNICATION – KZN17 PARK RYNIE**

**(REMAINDER OF ERF 583 PARK RYNIE)**

**Project description**

The construction of a 45m Cellular mast in a 8m x 8m footprint/base station and a support container to be situated on the Remainder of Erf 583 Park Rynie.

**Regulatory Process**

In terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) and associated EIA Regulations published during 2014 (as amended 2017), an Environmental Authorisation should be obtained from the relevant decision making authority, prior to the commencement of certain listed activities that may result in potential negative impacts on the environment.

The activity applied for:

**Activity listed under GN R985:**

Activity 3 – The Development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower: (a) to be placed on a site not previously used for this purpose; and (b) will exceed 15m in height (d) KwaZulu-Natal xiii. Inside urban areas: (dd) Areas within 1 kilometre from terrestrial protected areas identified in terms of NEMPAA.

**Location**

The site is situated 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

Should you require an electronic copy of the report, please be so kind as to contact Emanuel Maluleke or Faith Makena on (012) 346 7655 or [lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)/ [faith@lokisa.co.za](mailto:faith@lokisa.co.za) in order to make arrangements to collect an electronic copy at:

[72 Herbert Baker Street](#)

[Groenkloof](#)

[Pretoria](#)

[0081](#)

The copy is also available via Dropbox.

**Please advise should you require a CD or a Dropbox link of the Draft Report.**

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

[72 Herbert Baker Street](#), Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

## Emanuel Maluleke

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** 20 September 2017 04:01 PM  
**To:** 'LeburuN@dws.gov.za'; 'MokoenaN@dws.gov.za'  
**Cc:** 'Elaine'  
**Subject:** Proposed Telecommunication Mast - KZN17 Park Rynie Ref LOK2017/012

Dear I&AP

We hereby notify you that the Draft Basic Assessment Report (BAR) for the above is available for review and comment from **20 September 2017 to 22 October 2017**.

### DRAFT BASIC ASSESSMENT REPORT

## THE PROPOSED CONSTRUCTION OF A TELECOMMUNICATION – KZN17 PARK RYNIE (REMAINDER OF ERF 583 PARK RYNIE) REF NR. LOK2017/012

### Project description

The construction of a 45m Cellular mast in a 8m x 8m footprint/base station and a support container to be situated on the Remainder of Erf 583 Park Rynie.

### Regulatory Process

In terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) and associated EIA Regulations published during 2014 (as amended 2017), an Environmental Authorisation should be obtained from the relevant decision making authority, prior to the commencement of certain listed activities that may result in potential negative impacts on the environment.

The activity applied for:

### **Activity listed under GN R985:**

Activity 3 – The Development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower: (a) to be placed on a site not previously used for this purpose; and (b) will exceed 15m in height (d) KwaZulu-Natal xiii. Inside urban areas: (dd) Areas within 1 kilometre from terrestrial protected areas identified in terms of NEMPAA.

### Location

The site is situated 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

Should you require an electronic copy of the report, please be so kind as to contact Emanuel Maluleke or Faith Makena on (012) 346 7655 or [lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)/ [faith@lokisa.co.za](mailto:faith@lokisa.co.za) in order to make arrangements to collect an electronic copy at:

72 Herbert Baker Street  
Groenkloof  
Pretoria  
0081

The copy is also available via Dropbox.

**Please advise should you require a CD or a Dropbox link of the Draft Report.**

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

72 Herbert Baker Street, Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)



## Emanuel Maluleke

---

**From:** Leburu Neo Vincent (DBN) <LeburuN@dws.gov.za>  
**Sent:** 09 November 2017 11:17 AM  
**To:** Emanuel Maluleke  
**Cc:** 'Elaine Minnaar'; Mokoena Nonkululeko (DBN)  
**Subject:** RE: Comments on Draft Basic Assessment Report

Good day Emanuel

Kindly note that your reports were only received on 03 October 2017. The Department will forward you the comments as soon as they have been finalised.

Regards

Neo Leburu  
Water Quality Management  
Pongola-Umzimkulu Proto-Catchment Management Agency  
Department of Water and Sanitation  
KwaZulu-Natal Provincial Operations  
☎ 031 336 2741 / 082 805 2023 📠 031 305 9915 ✉ [leburun@dws.gov.za](mailto:leburun@dws.gov.za)



---

**From:** Emanuel Maluleke [mailto:[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)]  
**Sent:** 09 November 2017 10:57 AM  
**To:** Leburu Neo Vincent (DBN); Mokoena Nonkululeko (DBN)  
**Cc:** 'Elaine Minnaar'  
**Subject:** Comments on Draft Basic Assessment Report

Dear Leburu N/ Mokoena N (Department of Water and Sanitation)

I trust you are both well,

May you please provide us with your comments on the Draft BAR for sites:

- KZN02 Bayview Station
- KZN17 Park Rynie
- KZN30 Warner Beach

Thank you

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc  
REG NO: 2001/026529/07  
72 Herbert Baker Street, Groenkloof  
P.O.BOX 219 GROENKLOOF 0027  
TEL (012) 346 7655  
FAX (012) 346 6074  
[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

DISCLAIMER: This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.

**Elaine**

---

**From:** Elaine <elaine@lokisa.co.za>  
**Sent:** Monday, 05 March 2018 4:25 PM  
**To:** 'promobag@gmail.com'; 'kavershens@umdoni.gov.za'; 'LeburuN@dws.gov.za'; 'MokoenaN@dws.gov.za'; 'Dlamini Thembekile (DBN)'  
**Cc:** 'Emanuel Maluleke'  
**Subject:** FINAL BASIC ASSESSMENT REPORT - PROPOSED TELECOMMUNICATION MAST – KZN17 PARK RYNIE REF NR: LOK2017/012

**Dear I&AP**

We hereby notify you that the Final Basic Assessment Report (BAR) for the above is available for review and comment from **5 March 2018 to 10 April 2018**.

**FINAL BASIC ASSESSMENT REPORT**

**PROPOSED TELECOMMUNICATION MAST – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)  
REF NR: LOK2017/012**

---

**Project description**

The project entails the construction of a 45m Lattice Mast within the footprint size of 8m x 8m area and a support container. The site is to accommodate three service providers.

**Regulatory Process**

In terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) and associated EIA Regulations published during 2014 (as amended 2017), an Environmental Authorisation should be obtained from the relevant decision making authority, prior to the commencement of certain listed activities that may result in potential negative impacts on the environment.

The activities applied for:

**Activity listed under GN R324 (Listing Notice 3):**

Activity 3: The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower — (a) is to be placed on a site not previously used for this purpose; and (b) will exceed 15 metres in height — d. KwaZulu-Natal xiii. Inside urban areas: (aa) Areas seawards of the development setback line or within 100 metres from the high-water mark of the sea if no such development setback line is determined; (dd) Areas within 1 kilometre from terrestrial protected areas identified in terms of NEMPAA..

**Location**

The site is approximately 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

Should you require an electronic copy of the report, please be so kind as to contact Elaine Minnaar on (012) 346 7655 or [elaine@lokisa.co.za](mailto:elaine@lokisa.co.za) in order to make arrangements to collect an electronic copy at:

72 Herbert Baker Street  
Groenkloof  
Pretoria  
0181

A copy of the report is available for download from the website at [www.lokisa.co.za](http://www.lokisa.co.za) or via Dropbox.

**Please advise should you require a CD or a Dropbox link of the Final Report.**

Yours Sincerely,

Elaine Minnaar  
LOKISA ENVIRONMENTAL CONSULTING CC  
TEL (012) 346 7655  
FAX (012) 346 6075  
Cel: 082 493 9616  
[elaine@lokisa.co.za](mailto:elaine@lokisa.co.za)  
[www.lokisa.co.za](http://www.lokisa.co.za)

## Emanuel Maluleke

---

**From:** Emanuel Maluleke <lokisa@lokisa.co.za>  
**Sent:** 20 September 2017 03:56 PM  
**To:** 'promobag@gmail.com'; 'LeburuN@dws.gov.za'; 'MokoenaN@dws.gov.za'  
**Cc:** 'Elaine'; 'Faith Makena'  
**Subject:** Proposed Telecommunication Mast - KZN17 Park Rynie Ref LOK2017/012

Dear I&AP

We hereby notify you that the Draft Basic Assessment Report (BAR) for the above is available for review and comment from **20 September 2017 to 22 October 2017**.

### DRAFT BASIC ASSESSMENT REPORT

## **THE PROPOSED CONSTRUCTION OF A TELECOMMUNICATION – KZN17 PARK RYNIE (REMAINDER OF ERF 583 PARK RYNIE) REF NR. LOK2017/012**

### Project description

The construction of a 45m Cellular mast in a 8m x 8m footprint/base station and a support container to be situated on the Remainder of Erf 583 Park Rynie.

### Regulatory Process

In terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) and associated EIA Regulations published during 2014 (as amended 2017), an Environmental Authorisation should be obtained from the relevant decision making authority, prior to the commencement of certain listed activities that may result in potential negative impacts on the environment.

The activity applied for:

### **Activity listed under GN R985:**

Activity 3 – The Development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower: (a) to be placed on a site not previously used for this purpose; and (b) will exceed 15m in height (d) KwaZulu-Natal xiii. Inside urban areas: (dd) Areas within 1 kilometre from terrestrial protected areas identified in terms of NEMPAA.

### Location

The site is situated 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

Should you require an electronic copy of the report, please be so kind as to contact Emanuel Maluleke or Faith Makena on (012) 346 7655 or [lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)/ [faith@lokisa.co.za](mailto:faith@lokisa.co.za) in order to make arrangements to collect an electronic copy at:

72 Herbert Baker Street  
Groenkloof  
Pretoria  
0081

The copy is also available via Dropbox.

**Please advise should you require a CD or a Dropbox link of the Draft Report.**

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc

REG NO: 2001/026529/07

72 Herbert Baker Street, Groenkloof

P.O.BOX 219 GROENKLOOF 0027

TEL (012) 346 7655

FAX (012) 346 6074

[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

## **Emanuel Maluleke**

---

**From:** Emanuel Maluleke [lokisa@lokisa.co.za]  
**Sent:** 04 May 2017 02:15 PM  
**To:** 'edwin.baptie@gmail.com'  
**Cc:** 'Elaine'; 'Faith Makena'; 'matimu@lokisa.co.za'  
**Subject:** KZN17 PARK RYNIE  
**Attachments:** KZN17 - Park Rynie.pdf; STAKEHOLDER COMMENTS 1...doc; AD notice Park Rynie.doc

Dear Cllr E.V Baptie

**NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT –  
PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)  
Ref Nr. LOK2017/012**

Please see the attached notice for your attention.

**Kind Regards**

**Emanuel Maluleke**

LOKISA ENVIRONMENTAL CONSULTING cc  
REG NO: 2001/026529/07  
72 Herbert Baker Street, Groenkloof  
P.O.BOX 219 GROENKLOOF 0027  
TEL (012) 346 7655  
FAX (012) 346 6074  
[lokisa@lokisa.co.za](mailto:lokisa@lokisa.co.za)

**Recipient**

'edwin.baptie@gmail.com'

'Elaine'

'Faith Makena'

'matimu@lokisa.co.za'

**Read**

Read: 2017/05/04 02:33 PM



## Matimu

---

**From:** Matimu [matimu@lokisa.co.za]  
**Sent:** Friday, 5 May, 2017 9:58 AM  
**To:** 'kavershens@umdoni.gov.za'  
**Cc:** 'Emanuel Maluleke'; 'Faith Makena'; 'Elaine'  
**Subject:** NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE Ref Nr. LOK2017/012  
**Attachments:** AD notice Park Rynie.pdf; STAKEHOLDER COMMENTS 1...doc; KZN17 - Park Rynie.pdf

Dear Mr S Kavershen (uMdoni Local Municipality)

**NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT – PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)**

**Ref Nr. LOK2017/012**

Attached please find notice for your attention.

Kind Regards

**Ms Matimu Makamu**  
**Lokisa Environmental Consulting cc**  
**Tel: 012 346 7655**  
**Fax: 012 346 6074**  
**Cell: 073 475 3228**  
**e-mail: [matimu@lokisa.co.za](mailto:matimu@lokisa.co.za)**

## Matimu

---

**From:** Matimu [matimu@lokisa.co.za]  
**Sent:** Friday, 5 May, 2017 10:02 AM  
**To:** 'LeburuN@dws.gov.za'; 'MokoenaN@dws.gov.za'  
**Cc:** 'Emanuel Maluleke'; 'Faith Makena'; 'Elaine'  
**Subject:** NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE Ref Nr. LOK2017/012  
**Attachments:** AD notice Park Rynie.pdf; STAKEHOLDER COMMENTS 1...doc; KZN17 - Park Rynie.pdf

Dear Leburu N/ Mokoena N (Department of Water and Sanitation)

**NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT – PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)**

**Ref Nr. LOK2017/012**

Attached please find notice for your attention.

Kind Regards

**Ms Matimu Makamu**  
**Lokisa Environmental Consulting cc**  
**Tel: 012 346 7655**  
**Fax: 012 346 6074**  
**Cell: 073 475 3228**  
**e-mail: [matimu@lokisa.co.za](mailto:matimu@lokisa.co.za)**

**REGISTERED LETTER  
GEREGISTREERDE BRIEF**



(with an insurance option/met 'n versekeringsopsie)

**Full tracking and tracing/Volledige volg en spoor**

Addressed to/Geadresseer aan

South African Rail Computer  
66 Jorissen Street  
Johannesburg

2001 Postcode  
Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

KZN11 DURBAN  
Postage paid R \_\_\_\_\_ C  
Service fee/Diensgeld R \_\_\_\_\_ C  
Insurance/Versekering R \_\_\_\_\_ C  
Total/Totaal R \_\_\_\_\_ C

Insured value of contents  
Versekerde waarde van inhoud R \_\_\_\_\_ C

Enquiries/Navrae  
Toll-free number  
Tolvry nommer  
0800 111 502

Initial of accepting officer

Date stamp

701281

Affix Track and Trace

**INSURED PARCEL**

PA 324 111 432 ZA  
CUSTOMER COPY 301012

Paraaf van aaneem-beamppte

Datumstempel

**REGISTERED LETTER  
GEREGISTREERDE BRIEF**



(with an insurance option/met 'n versekeringsopsie)

**Full tracking and tracing/Volledige volg en spoor**

Addressed to/Geadresseer aan

Lemno Marine Properties cc  
P-O Box 2535  
Durban

4000 Postcode  
Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

KZN21 SCOTTBURGH  
Postage paid R \_\_\_\_\_ C  
Service fee/Diensgeld R \_\_\_\_\_ C  
Insurance/Versekering R \_\_\_\_\_ C  
Total/Totaal R \_\_\_\_\_ C

Insured value of contents  
Versekerde waarde van inhoud R \_\_\_\_\_ C

Enquiries/Navrae  
Toll-free number  
Tolvry nommer  
0800 111 502

Initial of accepting officer

Date stamp

701281

Affix Track and Trace

**INSURED PARCEL**

PA 324 111 429 ZA  
CUSTOMER COPY 301012

Paraaf van aaneem-beamppte

Datumstempel

**REGISTERED LETTER  
GEREGISTREERDE BRIEF**



(with an insurance option/met 'n versekeringsopsie)

**Full tracking and tracing/Volledige volg en spoor**

Addressed to/Geadresseer aan

Naxico Investments cc  
P-O Box 487  
Durban

4000 Postcode  
Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

KZN21 SCOTTBURGH  
Postage paid R \_\_\_\_\_ C  
Service fee/Diensgeld R \_\_\_\_\_ C  
Insurance/Versekering R \_\_\_\_\_ C  
Total/Totaal R \_\_\_\_\_ C

Insured value of contents  
Versekerde waarde van inhoud R \_\_\_\_\_ C

Enquiries/Navrae  
Toll-free number  
Tolvry nommer  
0800 111 502

Initial of accepting officer

Date stamp

701281

Affix Track and Trace

**INSURED PARCEL**

PA 324 111 415 ZA  
CUSTOMER COPY 301012

Paraaf van aaneem-beamppte

Datumstempel

**REGISTERED LETTER  
GEREGISTREERDE BRIEF**



(with an insurance option/met 'n versekeringsopsie)

**Full tracking and tracing/Volledige volg en spoor**

Addressed to/Geadresseer aan

Foley Graham Edward  
P.O. Box 1597  
Durban

4000 Postcode  
Postkode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

KZN30 WARNER BEACH  
Postage paid R \_\_\_\_\_ C  
Service fee/Diensgeld R \_\_\_\_\_ C  
Insurance/Versekering R \_\_\_\_\_ C  
Total/Totaal R \_\_\_\_\_ C

Insured value of contents  
Versekerde waarde van inhoud R \_\_\_\_\_ C

Enquiries/Navrae  
Toll-free number  
Tolvry nommer  
0800 111 502

Initial of accepting officer

Date stamp

701281

Affix Track and Trace

**INSURED PARCEL**

PA 324 111 401 ZA  
CUSTOMER COPY 301012

Paraaf van aaneem-



**ACKNOWLEDGEMENT OF RECEIPT OF  
NOTICE OF ENVIRONMENTAL IMPACT  
ASSESSMENT PROCESS**

**LOKISA ENVIRONMENTAL CONSULTING CC**  
 REG NO: 2001/026529/07  
 72 HERBERT BAKER STREET GROENKLOOF, PRETORIA  
 P.O. BOX 219, GROENKLOOF, 0027  
 TEL (012) 346 7655 FAX (012) 346 6074

**SITE NAME: KZN17 PARK RYNIE**

RECEIPT OF NOTICE					
NAME	ORGANISATION/FARM/ ERF DESCRIPTION	ADDRESS	CONTACT DETAILS	RECEIVED	COMMENTS
Wari	Park Rynie St.		039 976 7673		
Uani Pillay	Post office	Ext 339 Convent Rd	039 976 1547		
Scotty	KZN Trucks & Car		039 978 1399		
	Park Rynie Hardware		039 976 0930		
	Care Cross Health				
Post Box	5 Gannet Rd				
Post Box	Catholic Church				
Post Box	2 Gannet Rd				
St Francis School	Gannet Rd				
Hot Bake Bakery					
			079 987 0150		

Oceans Echo Centre  
 Canvas Creations (Luzette)  
 072 474 0099

## **Appendix 3**

### **Proof of newspaper advertisements**



# **Appendix 4**

## **Communications to and from I&AP's**



<b>STAKEHOLDER COMMENTS ON NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR BASIC ASSESSMENT – PROPOSED TELECOMMUNICATION MAST FOR COMMCO HOLDINGS (PTY) LTD – KZN17 PARK RYNIE (REMAINDER OF ERF 583 PARK RYNIE - ET) Ref Nr. LOK2017/012</b>	
<b>NAME</b>	SHARA SINGH (CHAIRPERSON)
<b>ORGANISATION</b>	WARD 15 COMMITTEE
<b>TEL NUMBER</b>	082 3378425
<b>FAX NUMBER</b>	N/A
<b>EMAIL ADDRESS</b>	promobag@gmail.com
<b>DATE</b>	4 JUNE 2017
<b>COMMENTS:</b>	
AS THE WARD 15 COMMITTEE, WE REPRESENT THE RESIDENTS OF	
WARD 15, THE MAJORITY OF WHOM ARE AGAINST THE PROPOSED SITE	
OF THE MAST FOR VARIOUS REASONS. THE DOMINANT CONCERNS ARE	
THE NEGATIVE IMPACTS OF THEIR HEALTH AND WELL BEING,	
DEVALUATION OF THEIR PROPERTY VALUES AND OBSTRUCTION OF	
SEA VIEWS. THERE ARE MANY MORE SUITABLE SITES IN LESS DENSELY	
POPULATED SPACES	

**COMPLETED FORMS SHOULD BE FAXED/E-MAILED TO:  
ELAINE MINNAAR FAX NUMBER: 012-346 6074 E-MAIL: elaine@lokisa.co.za**





# water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

Enq: Mr N Leburu  
Ms T F Dlamini  
Date: 11 December 2017  
File: 16/2/7/U804/A1  
Tel: 031 336 2741  
Fax: 031 305 9915  
E-mail: leburun@dws.gov.za

## KWAZULU-NATAL REGION

P.O. Box 1018, Durban, 4000, 88 Joe Slovo (Field) Street, Southern Life Building, Durban, 4001  
Tel: (031) 336 2700, Fax: (031) 304 9546. www.dws.gov.za

The Director  
Lokisa Environmental Consulting  
P.O. Box 219  
Groenkloof  
0027

### ATTENTION: ELAINE MINNAAR

Dear Sir/Madam

### RE: DRAFT BASIC ASSESSMENT REPORT FOR PROPOSED TELECOMMUNICATION MAST, KZN17 PARK RYNIE (REMAINDER OF ERF 583 PARK RYNIE), REF NR: LOK2017/012

Reference is made to the above-mentioned Report received by this Office on 03 October 2017.

This Department has the following comments with regard to the proposed project:

1. It is noted on page 1 that the Applicant intends to erect a 30m Monopole mast accompanied by support container at a site located in Park Rynie within Umdoni Local Municipality,.
  - 1.1. The Applicant must be authorized by this Department prior to the commencement of any activities which trigger water uses as defined in the NWA.
  - 1.2. It is the responsibility of the Applicant to identify all water uses applicable to the project in terms of Section 21 of the NWA and ensure that all applicable water uses are authorised as such. The Applicant must consult with this Department if clarity is required with regard to water uses and water use authorisations. These water uses are listed in Table 1.

**Table 1: Water Uses as per Section 21 of the NWA**

s21(a)	taking water from a water resource;
s21(b)	storing water;
s21(c)	impeding or diverting the flow of water in a watercourse;
s21(d)	engaging in a stream flow reduction activity (currently only commercial afforestation);
s21(e)	engaging in a controlled activity – activities which impact detrimentally on a water resource (activities identified in s37(1) or declared as such under s38(1)) namely: <ul style="list-style-type: none"> <li>➤ irrigation of any land with waste or water containing waste which is generated through an industrial activity or a waterwork;</li> <li>➤ an activity aimed at the modification of atmospheric precipitation;</li> <li>➤ a power generation activity which alters the flow regime of a water resource; or</li> <li>➤ intentional recharge of an aquifer with any waste or water containing waste</li> </ul>
s21(f)	discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit;
s21(g)	disposing of waste or water containing waste in a manner which may detrimentally impact on a water resource;
s21(h)	disposing in any manner of water which contains waste from, or has been heated in, any industrial or power generation process;

s21(i)	altering the bed, banks, course or characteristics of a watercourse;
s21(j)	removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people; and
S21(k)	using water for recreational purposes

- 1.3. Ms. Zama Hadebe (031 336 2700/2767) of this Department's Water Use Authorisation Section must be contacted for a pre-application meeting to determine the type of authorisations required and the requirements thereof. The onus is on the Applicant to timeously submit a complete water use licence application to this Department for water uses as stipulated under Section 21 of the NWA in time to avoid unnecessary delays.
- 1.4 Please note that if one or more of the water uses for the project requires a water use licence authorisation then by default all other water uses for the project, even those that are within the ambit of a General Authorisation, must be all applied for in a single Integrated Water Use Licence (IWUL) application.
2. This Department demands to know the source of water for this intended development. The Applicant must clearly indicate where and how the water required for construction will be sourced and brought to site.
  - 2.1. A copy of the Service Level Agreement (SLA) and/or proof of communication between the Applicant and the Water Services Provider which indicates that there would be enough capacity to cater for the construction needs of the project must be included in the Report.
  - 2.2. Should the Applicant require to abstract water from a water resource for construction, then this will constitute a water use in terms of Section 21(a) of the NWA and the Applicant will require prior authorization from this Department before commencement of any abstraction.
  - 2.3. Further to *item* 2.2. above the Applicant must indicate the proposed source to be used as well as details of the sustainability of that source in relation to the proposed abstraction rates and volumes.
3. Page 11 of the EMPr states, "There will be ablution facilities provided on the construction site for use by the construction personnel." It is required that these toilets must be situated out of the 1:100 year floodline of a watercourse or outside 100 metres from the riparian zone, whichever is greatest distance.
  - 3.1. The Report must clearly indicate who will be responsible for the management of the chemical toilets and where contents of these toilets will be emptied and safely disposed of.
  - 3.2. The Applicant must indicate how the pollution of water resources from the use of these facilities will be prevented and/or mitigated. There must be no unacceptable health hazards or impacts arising from the disposal of sewage and wastewater during and post construction.
  - 3.3. The Applicant must indicate using a construction site layout maps where the chemical toilets will be positioned during the construction phase of the project in order to ensure that they do not cause any pollution to water resources as well as pose a health hazard.
4. Page 11 of the EMPr states "No waste will be illegally dumped on site." The Applicant must elaborate on the following with respect to the management of waste generated during the project:
  - 4.1. Where will the waste generated be stored prior to collection for disposal and how will these areas be demarcated in order that they are clearly identifiable to ensure proper separation of waste and access control.

- 4.2. The responsible personnel for the collection of the different waste streams generated from the project and where the different waste streams will be disposed of.
- 4.3. Should the Applicant wish to make use of a private contractor instead of the eThekweni Municipal services to dispose of the waste generated from the project, the following would apply:
  - 4.3.1. The details of the contractor must be made available to this Department.
  - 4.3.2. Safe disposal certificates from a permitted waste disposal site must be kept at hand and must be furnished to this Department when requested.
5. It is vitally important that stormwater is managed along the construction route both during and after construction. The Applicant must develop a stormwater management plan.
  - 5.1. Where applicable, wetlands must be included as part of the detailed stormwater management plan should a certain percentage of stormwater from the site be allowed to drain towards the wetlands. It is important that any stormwater discharging to the wetland is dissipated prior to entering the permanent, seasonal or temporary zone of the wetland so that it does not cause gully erosion or negatively impact on the hydrological functioning of the wetland.
  - 5.2. The Applicant must also demonstrate in the plan how the following will be achieved:
    - 5.2.1. The separation of the stormwater drainage network system away from the waste water (water containing waste) system.
    - 5.2.2. How the construction route will be contoured to ensure free flow of runoff and to prevent the ponding of water.
    - 5.2.3. How drainage will be controlled to ensure that runoff from the construction route will not culminate in off-site pollution or result in damage to properties downstream of any stormwater discharge.
6. The Applicant must also elaborate on measures to:
  - 6.1. Prevent or minimise soil erosion on site i.e. pre-, during- and post- construction activities.
  - 6.2. What and how erosion control measures will be implemented in areas sensitive to erosion.

The Department requires that all the above mentioned comments be incorporated in the Final Basic Assessment Report and the Final Assessment Report must be submitted to this office for further review and comment.

This reply does not grant any exemption from the requirements of any applicable Act, Ordinance, Regulation or Bylaw.

Please do not hesitate to contact this Office should you have any concerns, comments or queries.

Yours faithfully



**for PROVINCIAL HEAD: KWAZULU-NATAL**

TFD/tfd/15683

## **Appendix 5**

### **Minutes of any public and or stakeholder meetings**

**Not Applicable**

# **Appendix 6**

## **Comments and Responses Report**



**KZN17 – PARK RYNIE  
COMMENTS AND RESPONSES REPORT  
MARCH 2018**

Issue	Commentator	Date	Response
<b>Public Participation</b>			
<p>1. As the Ward 15 councillor, she represents the residents of ward 15, the majority of whom are against the proposed site of the mast for various reasons. The dominant concerns are the negative impacts of their health and well being, devaluation of their property value. There are many more suitable sites in less densely populated spaces.</p>	<p><b>Shara Singh Ward 15 Councillor Umdoni Local Municipality</b></p>	<p>4 June 2017</p>	<p><b><u>Health</u></b> According to the World Health Organisation. A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date no adverse health effects have been established as being caused by mobile phone use (<a href="http://www.who.int/mediacentre/factsheets/fs193/en/">http://www.who.int/mediacentre/factsheets/fs193/en/</a>)</p> <p><b><u>Devaluation property</u></b> No mitigation is possible as it is uncertain to what extent the telecommunication mast will impact on the property values, however it is understood that if the mitigation measures for the visual impact are adequately implemented, then this potential impact might be offset.</p>
<p>2. Kindly forward me the dropbox link for the report</p>	<p><b>Cllr Shara Singh</b></p>	<p>09 October 2017</p>	<p>On 9/10/17 the Dropbox Link to the Park Rynie Draft Report was provided.</p>

Issue	Commentator	Date	Response
<p><b>3.</b> The department has the following comments with regards to the proposed project:</p> <p>3.1 It is noted on page 1 that the applicant intends to erect a 30m Monopole mast accompanied by support container at a site located in Kingsburgh within eThekweni Municipality.</p> <p>3.1.1 The applicant must be authorised by this Department prior to the commencement of any activities which trigger water uses as defined in the NWA.</p> <p>3.1.2 It is the responsibility of the Applicant to identify all water uses applicable to the project in terms of Section 21 of the NWA and ensure that all applicable water uses are authorised as such. The applicant must consult with this department if clarity is required with regard to water uses and water use authorisations.</p> <p>3.1.3 Ms. Zama Hadebe (031 336 2700/2767) of this Department's Water use Authorisation Section must be contacted for a pre-application meeting to determine the type of authorisations required and the requirements thereof. The onus is on the Applicant to timeously submit a complete water use licence application to this Department for water uses as stipulated under Section 21 of the NWA in time to avoid unnecessary delays.</p> <p>3.1.4 Please note that if one or more of the water uses for this project requires a water use licence authorisation then by default all other water uses for the project, even those that are within ambit of a General Authorisation, must be all applied for in a single Integrated Water Use License (IWUL) application.</p> <p>3.2 This Department demands to know the source of water for this intended development. The Applicant must clearly indicate where and how the water the water required for construction will be sourced and brought to site.</p> <p>3.2.1 A copy of the Service Level Agreement (SLA) and / or proof of communication between the Applicant and the Water Services Provider which indicates that there would be enough capacity to cater for the construction needs of the project must be included in the Report.</p> <p>3.2.2 Should the Applicant require to abstract water from a water resource for construction, then this will constitute a water use in terms of Section 21(a) of the NWA and the Applicant will require prior authorisation from this Department before commencement of any abstraction.</p> <p>3.2.3 Further to item 2.2 above the Applicant must indicate the</p>	<p><b>Mr N Leburu/ Ms TF Dlamini</b>  <b>Kwazulu-Natal - Department of Water &amp; Sanitation</b></p>	<p>11 December 2017</p>	<p>1.1 No activities will take place that trigger a water use as defined in NWA.</p> <p>1.2 See above response</p> <p>1.3 No activities will take place that trigger a water use as defined in NWA.</p> <p>1.4 Noted</p> <p>2 No water is required for the operational phase of the development. Water required during the construction phase will be delivered via tanker. Cement is brought to site via a ready mix truck and contractors normally have a small water tank on site that can be used for the small quantities of water that may be required.</p> <p>3 The EMP has been amended to indicate that:</p> <p>3.1 A local contractor will be appointed to provide and maintain the chemical toilets required during the construction phase. The contents of the toilets are to be disposed of at the nearest sewerage treatment plant and a contract is to be entered into with the contractor to this extent.</p> <p>3.2 No surface water bodies are in close proximity to the site and no water pollution from the chemical toilets are expected.</p> <p>3.3 The toilets are to be situated adjacent to the layout footprint.</p> <p>4 Waste is to be stored in a skip and will be collected by a local contractor.</p> <p>4.1 Waste is to be disposed of at a licensed facility and way bills are to be presented by the contractor of proof of disposal.</p> <p>4.2 The site manager is responsible for waste and will oversee the contractor.</p> <p>4.3 Once the contractor is appointed this information can be provided.</p> <p>5 The area that is disturbed is 100m2</p>



Issue	Commentator	Date	Response
<p>proposed source to be used as well as details of the sustainability of that source in relation to the proposed abstraction rates and volumes.</p> <p>3.3 Page 11 of the EMPr states, “There will be ablution facilities provide on the construction site for use by the construction personnel”. It is required that these toilets must be situated out of the 1:00 year floodline of a watercourse or outside 100 metres from riparian zone, whichever is greatest distance.</p> <p>3.3.1 The report must clearly indicate who will be responsible for the management of the chemical and where contents of these toilets will be emptied and safely disposed of.</p> <p>3.3.2 The Applicant must indicate how the pollution of water resources from the use of these facilities will be prevented and/or mitigated. There must be no unacceptable health hazards or impacts arising from the disposal of sewage and wastewater during and post construction.</p> <p>3.3.3 The Applicant must indicate using a construction site layout maps where the chemical toilets will be positioned during the construction phase of the project in order to ensure that they do must not cause any pollution to water resources as well as pose a health hazard.</p> <p>3.4 Page 11 of the EMPr states “No waste will be illegally dumped on site”. The Applicant must elaborate on the following with respect to management of waste generated during the project:</p> <p>3.4.1 Where will the waste generated be sorted prior to collection for disposal and how will these areas be demarcated in order that they are clearly identified to ensure proper separation of waste and access control.</p> <p>3.4.2 The responsible personnel for the collection of the different waste streams generated from the project and where the different waste streams will be disposed of.</p> <p>3.4.3 Should the Applicant wish to make use of private contractor instead of eThekweni Municipal Services to dispose the waste generated from the project, the following would apply:</p> <ul style="list-style-type: none"> <li>• The details of the contractor must be made available to this Department.</li> <li>• Safe disposal certificates from a permitted waste disposal site must be kept at hand and must be furnished to this Department when request.</li> </ul> <p>3.5 It is vitally important that stormwater is managed along the construction route both during and after construction. The</p>			<p>and the site falls in the station site. No impact on stormwater is expected as the station stromwater system is to be utilized.</p> <p>6 The site is to be rehabilitated and grass is to be planet in order to ensure soil erosion does not take place. Inspections are required after the rainy season and where needed areas are to be rehabilitated.</p>

Issue	Commentator	Date	Response
<p>Applicant must develop a stormwater management plan.</p> <p>3.5.1 Where applicable, wetlands must be included as part of the detailed stormwater management plan should a certain percentage of stormwater from the site be allowed to drain towards the wetlands. It is important that any stormwater discharging to the wetland is dissipated prior to entering the permanent, seasonal or temporary zone of the wetland so that it does not cause gully erosion or negatively impact on the hydrological functioning of the wetland.</p> <p>3.5.2 The Applicant must also demonstrate in the plan how the following will be achieved:</p> <ul style="list-style-type: none"> <li>• The separation of stormwater drainage network system away from the waste water (water containing waste) system.</li> <li>• How the construction route will be contoured to ensure free flow of runoff and to prevent the ponding of water.</li> <li>• How drainage will be controlled to ensure that runoff from the construction route will not culminate in off-side pollution or result in damage to properties downstream of any stormwater discharge.</li> </ul> <p>3.6 The Applicant must also elaborate on measures to:</p> <ul style="list-style-type: none"> <li>• Prevent or minimise soil erosion on site i.e. pre-, during- and post – construction activities.</li> <li>• What and how erosion control measures will be implemented in areas sensitive to erosion.</li> </ul>			

# **Appendix 7**

## **Comments from I&APs on Basic Assessment (BA) Report**



# water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

Enq: Mr N Leburu  
Ms T F Dlamini  
Date: 11 December 2017  
File: 16/2/7/U804/A1  
Tel: 031 336 2741  
Fax: 031 305 9915  
E-mail: leburun@dws.gov.za

## KWAZULU-NATAL REGION

P.O. Box 1018, Durban, 4000, 88 Joe Slovo (Field) Street, Southern Life Building, Durban, 4001  
Tel: (031) 336 2700, Fax: (031) 304 9546. www.dws.gov.za

The Director  
Lokisa Environmental Consulting  
P.O. Box 219  
Groenkloof  
0027

### **ATTENTION: ELAINE MINNAAR**

Dear Sir/Madam

### **RE: DRAFT BASIC ASSESSMENT REPORT FOR PROPOSED TELECOMMUNICATION MAST, KZN17 PARK RYNIE (REMAINDER OF ERF 583 PARK RYNIE), REF NR: LOK2017/012**

Reference is made to the above-mentioned Report received by this Office on 03 October 2017.

This Department has the following comments with regard to the proposed project:

1. It is noted on page 1 that the Applicant intends to erect a 30m Monopole mast accompanied by support container at a site located in Park Rynie within Umdoni Local Municipality,.
  - 1.1. The Applicant must be authorized by this Department prior to the commencement of any activities which trigger water uses as defined in the NWA.
  - 1.2. It is the responsibility of the Applicant to identify all water uses applicable to the project in terms of Section 21 of the NWA and ensure that all applicable water uses are authorised as such. The Applicant must consult with this Department if clarity is required with regard to water uses and water use authorisations. These water uses are listed in Table 1.

**Table 1: Water Uses as per Section 21 of the NWA**

s21(a)	taking water from a water resource;
s21(b)	storing water;
s21(c)	impeding or diverting the flow of water in a watercourse;
s21(d)	engaging in a stream flow reduction activity (currently only commercial afforestation);
s21(e)	engaging in a controlled activity – activities which impact detrimentally on a water resource (activities identified in s37(1) or declared as such under s38(1)) namely: <ul style="list-style-type: none"> <li>➤ irrigation of any land with waste or water containing waste which is generated through an industrial activity or a waterwork;</li> <li>➤ an activity aimed at the modification of atmospheric precipitation;</li> <li>➤ a power generation activity which alters the flow regime of a water resource; or</li> <li>➤ intentional recharge of an aquifer with any waste or water containing waste</li> </ul>
s21(f)	discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit;
s21(g)	disposing of waste or water containing waste in a manner which may detrimentally impact on a water resource;
s21(h)	disposing in any manner of water which contains waste from, or has been heated in, any industrial or power generation process;

s21(i)	altering the bed, banks, course or characteristics of a watercourse;
s21(j)	removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people; and
S21(k)	using water for recreational purposes

- 1.3. Ms. Zama Hadebe (031 336 2700/2767) of this Department's Water Use Authorisation Section must be contacted for a pre-application meeting to determine the type of authorisations required and the requirements thereof. The onus is on the Applicant to timeously submit a complete water use licence application to this Department for water uses as stipulated under Section 21 of the NWA in time to avoid unnecessary delays.
- 1.4 Please note that if one or more of the water uses for the project requires a water use licence authorisation then by default all other water uses for the project, even those that are within the ambit of a General Authorisation, must be all applied for in a single Integrated Water Use Licence (IWUL) application.
2. This Department demands to know the source of water for this intended development. The Applicant must clearly indicate where and how the water required for construction will be sourced and brought to site.
  - 2.1. A copy of the Service Level Agreement (SLA) and/or proof of communication between the Applicant and the Water Services Provider which indicates that there would be enough capacity to cater for the construction needs of the project must be included in the Report.
  - 2.2. Should the Applicant require to abstract water from a water resource for construction, then this will constitute a water use in terms of Section 21(a) of the NWA and the Applicant will require prior authorization from this Department before commencement of any abstraction.
  - 2.3. Further to *item* 2.2. above the Applicant must indicate the proposed source to be used as well as details of the sustainability of that source in relation to the proposed abstraction rates and volumes.
3. Page 11 of the EMPr states, "There will be ablution facilities provided on the construction site for use by the construction personnel." It is required that these toilets must be situated out of the 1:100 year floodline of a watercourse or outside 100 metres from the riparian zone, whichever is greatest distance.
  - 3.1. The Report must clearly indicate who will be responsible for the management of the chemical toilets and where contents of these toilets will be emptied and safely disposed of.
  - 3.2. The Applicant must indicate how the pollution of water resources from the use of these facilities will be prevented and/or mitigated. There must be no unacceptable health hazards or impacts arising from the disposal of sewage and wastewater during and post construction.
  - 3.3. The Applicant must indicate using a construction site layout maps where the chemical toilets will be positioned during the construction phase of the project in order to ensure that they do not cause any pollution to water resources as well as pose a health hazard.
4. Page 11 of the EMPr states "No waste will be illegally dumped on site." The Applicant must elaborate on the following with respect to the management of waste generated during the project:
  - 4.1. Where will the waste generated be stored prior to collection for disposal and how will these areas be demarcated in order that they are clearly identifiable to ensure proper separation of waste and access control.

- 4.2. The responsible personnel for the collection of the different waste streams generated from the project and where the different waste streams will be disposed of.
- 4.3. Should the Applicant wish to make use of a private contractor instead of the eThekweni Municipal services to dispose of the waste generated from the project, the following would apply:
  - 4.3.1. The details of the contractor must be made available to this Department.
  - 4.3.2. Safe disposal certificates from a permitted waste disposal site must be kept at hand and must be furnished to this Department when requested.
5. It is vitally important that stormwater is managed along the construction route both during and after construction. The Applicant must develop a stormwater management plan.
  - 5.1. Where applicable, wetlands must be included as part of the detailed stormwater management plan should a certain percentage of stormwater from the site be allowed to drain towards the wetlands. It is important that any stormwater discharging to the wetland is dissipated prior to entering the permanent, seasonal or temporary zone of the wetland so that it does not cause gully erosion or negatively impact on the hydrological functioning of the wetland.
  - 5.2. The Applicant must also demonstrate in the plan how the following will be achieved:
    - 5.2.1. The separation of the stormwater drainage network system away from the waste water (water containing waste) system.
    - 5.2.2. How the construction route will be contoured to ensure free flow of runoff and to prevent the ponding of water.
    - 5.2.3. How drainage will be controlled to ensure that runoff from the construction route will not culminate in off-site pollution or result in damage to properties downstream of any stormwater discharge.
6. The Applicant must also elaborate on measures to:
  - 6.1. Prevent or minimise soil erosion on site i.e. pre-, during- and post- construction activities.
  - 6.2. What and how erosion control measures will be implemented in areas sensitive to erosion.

The Department requires that all the above mentioned comments be incorporated in the Final Basic Assessment Report and the Final Assessment Report must be submitted to this office for further review and comment.

This reply does not grant any exemption from the requirements of any applicable Act, Ordinance, Regulation or Bylaw.

Please do not hesitate to contact this Office should you have any concerns, comments or queries.

Yours faithfully



**for PROVINCIAL HEAD: KWAZULU-NATAL**

TFD/tfd/15683

# **Appendix 8**

## **Comments from I&APs on amendments to the BA report**

**Not Applicable**



# **Appendix 9**

## **Copy of the register of I&APs**



**PARK RYNIE**  
**LIST OF REGISTERED I & AP'S**

Contact Person	Company	Tel	Fax	E-mail	Address
Cllr Shara Singh	Umdoni Action Group	082 337 8425	-	promobag@gmail.com	-
Mr S Kavershen	Umdoni Local Municipality	039 976 2432 078 552 1498		kavershens@umdoni.gov.za	1 Preston Rd Park Rynie
Leburu N/ Mokoena N	Department of Water and Sanitation	031 336 2741	-	LeburuN@dws.gov.za MokoenaN@dws.gov.za	-
Thembekile Dlamini	Water Quality Management Department of Water and Sanitation – (KZN)	031 336 2741		DlaminiT3@dws.gov.za	14 <sup>th</sup> Floor, Southern Life Building, 88 Joe Slovo Str (Cnr Joe Slovo & Monty Naicker), Durban

# **Appendix 10**

## **Comments from I&APs on the application**

**Not Available**

# **Appendix 11**

## **Civil Aviation Authority**

CAA WAS REQUESTED FROM THE APPLICANT, APPLICANT HAS APPLIED FOR IT FROM COUNCIL AND WILL PROVIDE IT TO US UPON RECEIPT.

# **Appendix 12**

## **Other**

**Not Applicable**



# **Appendix F**

**Water use licenses, SAHRA  
information, service letters from  
municipalities, water supply  
information**

**Not Applicable**

# **Appendix G**

## **Specialist reports**

**Not Applicable**

# **Appendix H**

## **EMPr**

**Curriculum Vitae**

**Of**

**Elaine Minnaar**

**Family name:** Holtzhausen

**First names:** Elaine

**Profession:** Environmental Consultant

**Date of Birth** 26 April 1969

**Nationality:** South African

**Civil status:** Married

**Key Qualifications:**

<b>Institution (Date from-Date to)</b>	<b>Degree(s) or Diploma(s) obtained</b>
University of Pretoria January 1989 – November 1992	4 years B(TRP)
University of Potchefstroom 1 week - 1998	Diploma in Environmental Management
University of Potchefstroom 1 week - 2001	Diploma in Waste Management
University of Potchefstroom 1 week - 2002	Diploma in Environmental Law
University of Potchefstroom 1 week - 2003	Diploma in Environmental Management Systems
University of Potchefstroom 1 week - 2004	Diploma in Environmental Auditing

**Language skills:**

**Afrikaans:** Native

**English:** Speak, write and read (excellent)

**Membership of professional bodies:** International Association of Impact Assessment

**Other skills:**

Strategic Environmental Assessment, Urban Development Control, Formulation of LDO's and IDP's, Project Management, Environmental Management, Community Facilitation, Environmental law, Environmental Management Policies and Plans, Environmental Monitoring and Auditing, Integrated Environmental Management, Environmental Impact Assessments, Sensitivity Analysis, Planning and Mapping, Impact Evaluation and Significance Rating, Social Impact Studies, Environmental Mitigation and Control.

**Present position:** Senior Environmentalist and Managing Member of Lokisa

**Years within the firm:** 13

**Specific experience in the region:**

<b>Country</b>	<b>Date from – Date to</b>
<b>South Africa:</b> Strategic Environmental Assessment Formulation of LDO's and IDP's Project Management Environmental Management Community Facilitation Environmental law Environmental Management Policies and Plans Environmental Monitoring and Auditing Integrated Environmental Management Environmental Impact Assessments Sensitivity Analysis, Planning and Mapping Impact Evaluation and Significance Rating Structure Planning Social Impact Studies Environmental Mitigation and Control	<b>1998 – to date</b>
<b>St Maartin (Netherlands Antilles):</b> Environmental Impact Assessment, Rehabilitation and Environmental Management - Little Key Island	<b>2004 - 2005</b>
<b>Tatu Estate (Kenya)</b> Sensitivity analysis SEA	<b>2009 -</b>

**Professional experience:**

<b>Date from – Date to</b>	<b>Company</b>	<b>Position</b>	<b>Description</b>
2001- current	Lokisa Environmental Consulting/TGM Environmental Services	Managing Director	<ul style="list-style-type: none"> <li>• EIA/ Scoping applications</li> <li>• Basic Assessments</li> <li>• Water use licence applications</li> <li>• Facilitation of Projects;</li> <li>• Environmental Impact Assessments on:</li> <li>• Low Cost Housing Projects;</li> <li>• Environmental Management Plans</li> </ul>
1998- 2001	Globecon Environmental Management Services	Director	<ul style="list-style-type: none"> <li>• Facilitation of Projects;</li> <li>• Environmental Impact</li> </ul>



			Assessments on: Low Cost Housing Projects; Telecommunication structures <ul style="list-style-type: none"> <li>• Environmental          Management Plan          for the third cellular          licence operator.</li> </ul>
1995 -1997	Property Planning Practice	Town Planner	Town Planning applications in terms of Ordinance
1993 - 1995	Paradise Marine, St Maarten	Crew aboard yacht	First mate duties
1990-1992	First National Bank	Data capturer	Data Capturer

**Publications:** The Porcus, April 2006



Lokisa Environmental Consulting CC  
P.O. Box 219 Phone (012) 346 7655  
Groenkloof Fax (012) 346 6074  
0027 Cell 082 493 9616

---

# **ENVIRONMENTAL MANAGEMENT PROGRAMME**

**PROPOSED TELECOMMUNICATION MAST – KZN PARK RYNIE  
(REMAINDER OF ERF 583 PARK RYNIE)  
REF NR: LOK2017/012**

**PREPARED FOR:**

CommCo Holdings (Pty) Ltd  
P.O. Box 2506  
Saxonwold  
2132

Tel: 010 595 8569

**PREPARED BY:**

Lokisa Environmental Consulting CC  
P.O. Box 219  
Groenkloof,  
0027

Tel: 012 346 7655

Fax: 012 346 6074

Date: March 2018

Enq: E Minnaar/E Maluleke

## ENVIRONMENTAL MANAGEMENT PLAN: INFORMATION SHEET

### **Contact Person:**

Elaine Minnaar  
Lokisa Environmental Consulting CC  
P.O. Box 219  
Groenkloof  
0027

Tel: 012 346 7655  
Fax: 012 346 6074  
Cell: 082 493 9616

B(TRP) (Pretoria), Environmental Management (NWU), Waste Management (NWU), Environmental Law (NWU), Implementing Environmental Management Systems (SABS/ISO 14001) (NWU)

### **Author Details:**

#### **1.1 Researched and Compiled By:**

Elaine Minnaar  
Lokisa Environmental Consulting CC  
P.O. Box 219  
Groenkloof  
0027

Tel: 012 346 7655  
Fax: 012 346 6074  
Cell: 082 493 9616

#### **1.2 Qualifications**

B(TRP) (Pretoria),  
Environmental Management (NWU),  
Waste Management (NWU),  
Environmental Law (NWU),  
Implementing Environmental Management Systems (SABS/ISO 14001) (NWU)

#### **1.3 Professional Affiliation**

International Association for Impact Assessment (IAIA)

#### **1.4 Verification Statement**

I, Elaine Minnaar (6904260204083) declare under oath that of –

- 1) The correctness of the information provided in the reports;
- 2) The inclusion of comments and inputs from stakeholders and I&AP's;
- 3) The inclusion of inputs and recommendations from the specialist reports where relevant;
- 4) Any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs by interested and affected parties.



Signature

March 2018  
Date

## Table of Contents

1. Background and Project Description .....	4
2. Purpose .....	4
3. Scope of Environmental Management Programme .....	5
4. Environmental Control Measures .....	6
5. Contractual Considerations & Responsibilities .....	6
6. Pre-Construction and Construction Phase .....	7
6.1 Setting out & site orientation .....	7
6.2 Site Clearance.....	7
6.2.2 Mitigatory Measures .....	8
6.3 Laying of the concrete casts .....	8
6.4 Preparing the foundation for the fence and it's construction .....	9
6.5 Placing the mast and container .....	9
6.6 Connecting all relevant components .....	10
7. Operational Phase Management .....	11
8. Decommissioning Management .....	12
9. Conclusion .....	12
10. Amendments to the EMPr .....	13

## Abbreviations and Definitions

Construction footprint	The area of the Cellular telecommunications base station site including a 2m radius around the site
Compliance	Conforming to the environmental control measures set out in the EMPr
Contractor	Contractor refers to the main contractor appointed by the client to complete the construction
EC	Environmental Consultant. Individuals or firms whose role it is to act as independent, objective environmental information providers to stakeholders in order to inform the decision making process.
EIA	Environmental Impact Assessment
EMPR	Environmental Management Programme
Environment	The surroundings within which people exist. The environment is made up of: the soil, water and atmosphere; fauna and flora; any pert, combination or interrelationships among these; and all the physical, chemical, aesthetic and cultural properties and conditions of the foregoing that influence human health and well-being.
Environmental Impact	Any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organisation's activities, products or services.
Interested Party	Individuals or groups concerned with or affected by an activity and its consequences. These include the authorities, local communities, investors, work force, customers and consumers, environmental interested groups and the general public
EA	Environmental Authorisation

## 1. Background and Project Description

The project entails the construction of a 45m lattice mast within the footprint size of 8m x 8m area with a support container on the remainder of Erf 583 Park Rynie which is situated within the jurisdiction of Umndoni Local Municipality. The site is to accommodate three service providers.

The site is approximately 1.9km south of Scottburgh South, 1.6km to the east of the N2 Highway and 90m east of Marine Drive, at the Park Rynie Train Station, Park Rynie.

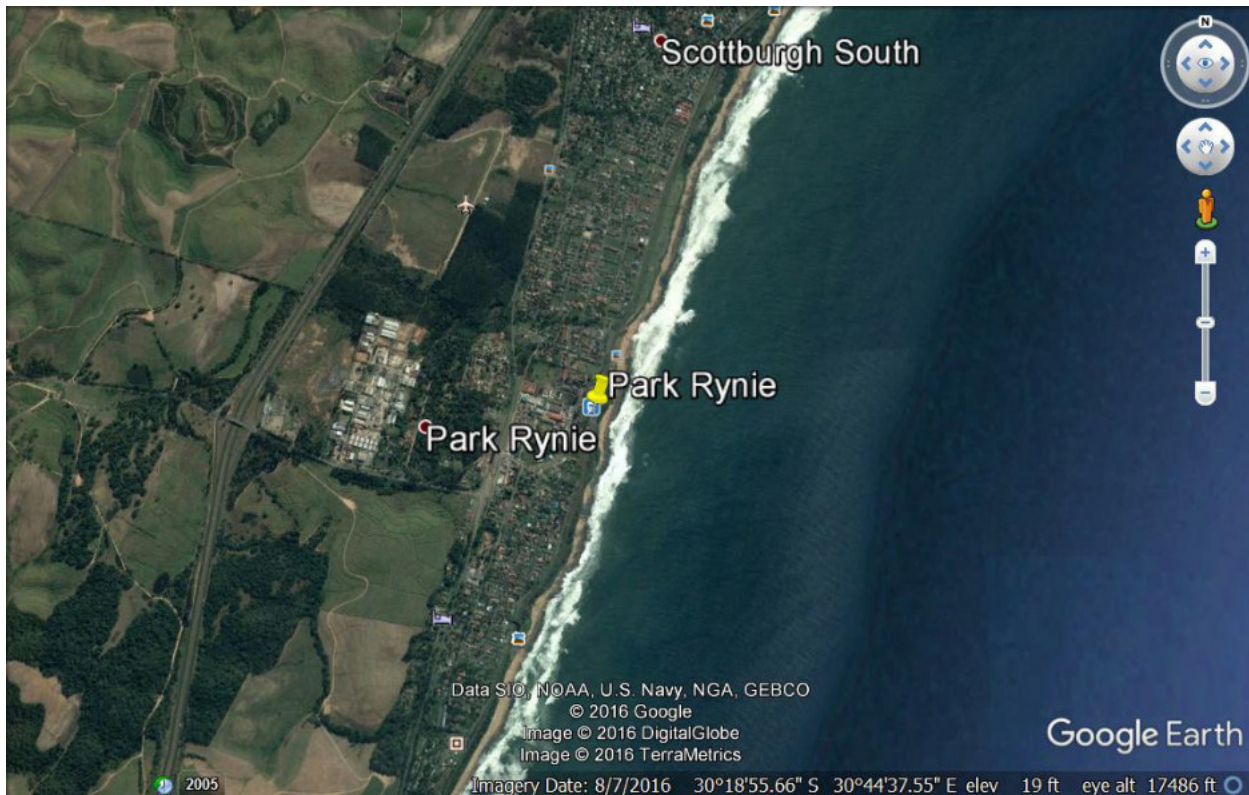


Figure 1.1: Site Locality

## 2. Purpose

In terms of the South African Constitution (Act No. 108 of 1996) people have the right to an environment that is not harmful to their health or well being and to have the environment protected for the benefit of present and future generations. This goal is to be pursued through reasonable legislation as well as other means that prevent pollution and ecological degradation, promote conservation and the sustainable use of natural resources while promoting justifiable economic and social development.

The purpose of the Environmental Management Programme (EMPr) is to act as an instrument to be used by CommCo Holdings (Pty) Ltd to manage and mitigate the environmental impacts associated with the construction, rehabilitation and decommissioning activities of the proposed cellular telecommunications base station at the Park Rynie Station.

The EMPr is to be implemented in a co-operative spirit with all parties (i.e. the project proponent, contractor, as well as interested and affected parties) involved and affected by the construction of the base station.

The Mobile Telecommunications industry is not a high environmental impact industry, if equated with industries such as mining. It is, however still necessary and important to Commco Holdings (Pty) Ltd that the impacts of the cellular telecommunications base station be mitigated.

### 3. Scope of Environmental Management Programme

The objective of this EMPr is to mitigate the effect of the installation of the telecommunications base station on the surrounding environment by aiming to reduce nuisance factors and the danger of adverse impacts on the environment during construction and to provide a plan for effectively managing the base station thereafter and to:

- Ensure that all pertinent environmental issues and the concerns of KZN EDTEA are addressed;
- Determine environmental conditions and sensitivities of the site and areas outside that may be impacted on by the project;
- Ensure acceptability of design and construction practices with respect to identified impacts and prescribed mitigation measures;
- Provide strategies for obtaining and/or complying with all environmental approvals, permits and agreements, and to provide a monitoring program;
- Integrate environmental strategies with all design and construction work; and
- Provide input and strategies for environmental quality control and risk management during all phases of the project.

This plan aims to ensure that:

- Environmental management considerations are understood and implemented from the outset;
- Precautions against damage are taken; and the
- Impacts of the development on the environment are minimised.

#### **4. Environmental Control Measures**

This EMP outlines measures to be implemented to minimise any potential environmental degradation associated with the construction of the development. It will serve as a guide for the Contractor and the construction workforce about their roles and responsibilities for environmental management on the construction site and provide a framework for environmental monitoring throughout the construction period.

Measures to control potential environmental impacts during the construction phase are specified. Except where otherwise stated, all these control measures apply throughout the construction period and, as part of the project contract, the Contractor shall adhere to these measures at all times.

#### **5. Contractual Considerations & Responsibilities**

The Contractor should be handed a copy of all relevant documentation regarding the project and should before any work is conducted ensure that the Construction Supervisor is familiar with the environmental issues on site.

A commitment from the Contractor is required on the following issues:

- Consideration for the inhabitants in the area;
- Professional behaviour on and off site;
- Ensuring the quality of work done, whether technical or environmental is of a high standard;
- Immediately resolving problems and claims arising from damage to ensure a smooth flow of operations;
- Using this Environmental Management Programme for the benefit of all involved;
- Preserving the natural environment by limiting destructive actions on site; &
- Not littering.

The Contractor is responsible for, but not limited to, the following:

- Overall construction management of all tasks applicable to the civil site build (Mast foundation, mast erection, container slabs, fencing, electrical, site works, etc.);
- All work involved in preparing the site and making it suitable for the mast erection;
- All work involved in preparing the site and making it suitable for equipment installation;
- Mast foundation construction as per mast engineer's design applicable to the site-specific soil conditions. Soil tests to be done by the contractor to verify design parameters;
- Supply of fence;
- Installation of a fence and gate;
- The installation of required antenna poles/clamps (MW and GSM);



- The installation of the required cable support system (cable trays);
- Installation of a key deposit box, if necessary;
- Installation of a new lightning protection and earthing system;
- Electrical work;
- The painting of the tower, fence and equipment;
- Obstruction lighting system for the tower;
- Producing site-specific as build documentation as specified; &
- Installing all warning labels and signs.

## 6. Pre-Construction and Construction Phase

For the purpose of this EMPr the construction phase is examined in terms of the following categories.

1. Setting out and site orientation;
2. Site clearance;
3. Laying of the concrete casts;
4. Preparing the foundation for the fence and construction thereof;
5. Placing the Mast and Container; and
6. Connecting all relevant components e.g. electrical, antennas.

### 6.1 Setting out & site orientation

Site setting out lines and construction datum and levels, are to be determined by the Contractor in accordance with the CommCo Holdings (Pty) Ltd representative as well as the general guidelines of these specifications and the drawings, and shall also satisfy the specific Contract Specification requirements.

Setting out markers for ground level fenced sites where provided by the Employer on the site of the works indicate the setting out line (fence line) parallel to and nearest to the equipment shelter and tower foundation.

### 6.2 Site Clearance

Site clearing starts with the scraping of a 8m by 8m area. This phase also includes the excavation for the manholes and the base for the mast.

#### 6.2.1 Environmental Impact

- Infestation by alien species
- Loss of topsoil
- Dust

- Noise

### 6.2.2 Mitigatory Measures

- No construction related activities, such as the site camp, storage of materials, temporary roads or ablution facilities may be located outside the site. It is suggested that these facilities be retained within the Park Rynie Station;
- Fence the site and confine all construction activities to the site. The fence structure should be permeable to allow free dispersal of smaller fauna taxa;
- Vehicle movement must be confined to an access road to and from the site;
- No clearing of vegetation may take place outside the site;
- Suitable indigenous vegetation (flora) must be selected and used for rehabilitation;
- Monitor the site for the establishment of invasive plant species;
- Compile an Alien and Invasive Species Management Plan for the site;
- All site clearing and excavations are to be done as far as possible during standard working hours in order to limit the noise nuisance to the surrounding communities;
- During excavation dust generation is to be kept to a minimum by the appropriate wetting of the surface. This includes the access road and surrounding disturbed areas. A tanker of water may need to be brought on site if there is no water point available nearby;
- The topsoil is to be kept separate in a demarcated area within the immediate vicinity for rehabilitation;
- All construction waste is to be stored in a designated area. It is recommended that a skip be used on site to store all waste. Waste rock generated during construction is to be sent to a permitted landfill site;
- Appropriate fire-breaks must be planned and used on site;

### 6.3 **Laying of the concrete casts**

The casts for the container, mast and manholes are filled with concrete and reinforced with steel rods. All concrete mixing is done offsite and brought to the site via a concrete mixing truck. However, for snag repairs, concrete may be mixed on site.

#### 6.3.1 Environmental Impact

- Concrete runoff
- Pollution of water

#### 6.3.2 Mitigatory Measures

- For minimum impact on the environment with regards to laying of concrete, ready mix concrete will be delivered by truck during standard working hours. In the event that concrete is mixed on site it will be done in a

controlled manner. Any area disturbed is to be rehabilitated. It is the responsibility of the Project Manager to ensure that the concrete mixing area is rehabilitated.

- 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 material from the site.
- All construction waste is to be stored in a designated area. It is recommended that a skip be used on site to store all waste.

#### **6.4 Preparing the foundation for the fence and it's construction**

The foundation is dug around the 8m x 8m excavation. Once the container and mast have been laid, the fence is placed around the site.

##### **6.4.1 Environmental Impact**

- Displacement of material
- Noise

##### **6.4.2 Mitigatory Measures**

- The Contractor shall ensure that all work that could create noise is done during standard working hours (8:00am to 17:00pm).
- The rock and rubble removed during this phase of construction is to be taken off site and disposed of at a registered landfill site. A permit shall be obtained from the landfill site confirming this disposal.
- All concrete mixed on site will be done in a designated area. Concrete bags are to be stored in a dry area. Runoff from the designated area is to be monitored for any concrete effluent. Any area disturbed is to be rehabilitated.

#### **6.5 Placing the mast and container**

The container and mast are brought to the site via heavy duty vehicles. The mast sections are assembled on site and painted. The placing of the mast and container is done with a mechanical lifting machine. The mast and container are bolted to their respective foundations.

##### **6.5.1 Environmental Impact**

- Heavy duty vehicles on site
- Painting

##### **6.5.2 Mitigatory Measures**

- Vehicles are not permitted to enter any area designated as sensitive

- All painting activities are to be done within a designated area. The Contractor is to ensure that all damage to the grass and surrounding vegetation is rehabilitated.
- Placing of the container to be done with a mechanical lifting machine during standard working hours to minimize any possible disturbance to the surrounding community. There must be adequate access to the site for turning of machines etc to prevent any damage to any natural surrounding vegetation. Machinery must be in good working order so as to prevent oil leaks. Any contaminated areas are to be rehabilitated;
- Vehicle movement must be confined to an access road to and from the site.

## 6.6 Connecting all relevant components

The antennas and electrical wires are connected to the radio equipment and the site is now ready to be commissioned. This is the end of the construction phase. A temporary power supply may be used on site to allow the base station to become operational if the installation of a permanent electricity supply is delayed and the operation of the base station is urgently required.

### 6.6.1 Environmental Impact

- Waste material
- Generator noise
- Oil spills

### 6.6.2 Mitigatory Measures

- The waste generated shall be disposed of at a registered landfill site and a permit obtained confirming this.
- The Contractor must ensure that all diesel emissions and noise levels of generators used on site are kept within national standards.
- In the event that a temporary power supply is used on site, the generator used must be in good working condition. If any diesel spillage takes place it is the Contractor's responsibility to ensure that the area is cleaned up immediately in an environmentally acceptable manner.

General Conditions regarding the construction phase

- The established road on the property must be used to access the site.
- Construction activities should be planned to **prevent erosion** and improve the landscape.
- In respect of the **construction camp**, the Contractor shall define the area of the construction camp and place it so as to have a minimal impact on the environment. The construction camp must be located in such a manner as to limit the movement of site personnel.
- Trampling and disturbance associated with construction should be limited to within the footprint of the construction site.
- Construction personnel must stay within the demarcated construction site boundaries at all times.

- The Contractor and his sub-contractors and/ or suppliers with all workmen shall observe all **security arrangements** normally in force at each site, together with any other arrangements which may be specified necessary for the duration of the Contract.
- Ladders, keys or other equipment which could be used to gain **unauthorised access** to the site or installations on the site shall be removed, or secured in such a way that they cannot be used by unauthorised personnel, whenever a site is left unattended.
- There will be ablution facilities provided on the construction site for use by the construction personnel.
- No littering is allowed on site.
- Washing of containers and equipment must only take place within appropriate designated areas of the construction site.
- A collection tray must be placed under machinery or equipment that has the potential to dispense hazardous substances. Hazardous substances must not be permitted to soak into the soil.
- All waste is to be disposed of correctly in the designated waste containers provided at the construction site.
- No waste will be illegally dumped on site.
- No waste will be buried or burnt on site.
- No waste will be stored outside of the site boundaries.
- No fires are to be made on site.

## 7. Operational Phase Management

The following features of the development must be managed during the Operational Phase:

### 7.1 Access and access road to the Cellular telecommunications base station

Access to the site and to any other properties served by any access road used by the Contractor is to be maintained at all times such that it does not give rise to dust.

### 7.2 Alien plants and weed encroachment

The removal of all invasive species and the emergence of invasive species must be continually monitored. Invasive species must be removed by hand or poisoned. The effectiveness of re-vegetation and erosion control must be monitored periodically after construction.

### 7.3 Waste and Litter

Checking the road and site for any litter and waste and removing any waste to a 10m radius around the site. Checking that there is no leakage from the batteries running outside the radio container. Before leaving the site, checking where the vehicle and/ or generator were parked for signs of oil. Checking that all parts replaced during maintenance, as well as any tools and equipment, are placed into the vehicle before departing.

#### **7.4 Fencing; Mast and Equipment Container**

CommCo Holdings (Pty) Ltd maintenance contractors visit each Cellular telecommunications base station regularly (at least every six to twelve weeks), for repairs and maintenance.

#### **7.5 Stormwater Management**

An appropriate stormwater management plan must be in place.

The stormwater must not enter the wetland area directly. The water flow must be attenuated and dispersed before entering any watercourses.

Immediate remedial action should be taken when erosion is encountered.

### **8. Decommissioning Management**

On termination of use of a Cellular telecommunications base station, all equipment is to be dismantled and removed and the site restored to its original state.

In the case of a full decommissioning, the decommissioning and rehabilitation processes can be summarised briefly as follows:

1. The removal of the Cellular telecommunications base station equipment and associated infrastructure, i.e. the mast, equipment container, the fence and foundations; the power box and associated power cables, the concrete foundations and manholes.
2. The re-contouring of the site to its original state. If that is not possible the site must be contoured to blend in with the immediate surroundings.
3. The re-contoured area is to be re-vegetated with indigenous vegetation.
4. If the access road is not going to be utilized after the Cellular telecommunications base station has been removed, the road must be rehabilitated to its original state. Should the access road continue to be used the Regional Property Manager will be responsible for assigning the responsibility of regular maintenance for the access road to the person/ people who will still be using the road.

### **9. Conclusion**

The function of this EMP is to provide the Contractor with effective measures for minimizing the negative environmental impacts of the Cellular telecommunications base station during its lifetime, i.e. at the pre-construction stage, during construction, throughout the operational phase and at the time of decommissioning. Throughout the process, this guide will be referred to.

## 10. Amendments to the EMPr

This EMPr will be submitted to the Environmental Authority for approval prior to implementation. Any issues that may arise during the construction or operational phase which are not covered in this EMPr shall be addressed as addendums to the EMPr and submitted for approval prior to implementation.

# **Appendix I**

## **Other Information**



State Department  
administering a law  
affecting the  
Environment:  
Contact person:  
Physical address:  
Postal address  
Telephone  
E-mail

<b>Umdoni Local Municipality</b>		
<b>Mr S Kavershen</b>		
<b>Corner Bram Fischer &amp; Williamson Streets, Scottburgh, 4180</b>		
<b>P O Box 19 Scottburgh, 4180</b>		
<b>039 976 2432</b>	<b>Cell:</b>	<b>078 552 1498</b>
<b><u><a href="mailto:kavershens@umdoni.gov.za">kavershens@umdoni.gov.za</a></u></b>	<b>Fax:</b>	<b>-</b>