

Mr Anwar Shaik

8th July 2018

Highwave Consultants (Pty/Ltd) / A. Kumandan

Objection to Planned Development at 21 Victoria Zeekoevlei,

Application number 70369466

Dear Sir / Madam,

I moved into Zeekoevlei in February of 2018, after being enthralled by the tranquil atmosphere and the abundance of birdlife. After moving into the area, I was astounded to witness an abundance of additional wildlife such as bats, frogs, mongooses, porcupines, and otters. The neighbourhood stands out as probably the last preserve of natural beauty and biodiversity in the area, and more broadly in the Cape flats of Cape Town. In the past few months, I could not help developing a sense of appreciation toward previous generations of residents in the area who protected and preserved such natural beauty for over a century.

As a former activist in the struggle for a free South Africa, and having spent much time in Apartheid detention because of my activism, I have learned that the harm caused by an oppressive and injurious action is often unconsciously done. I see the potential for the same mistake with the erection of a cell phone mast in Zeekoevlei. The American Cancer Society have unequivocally stated that the long-wave, non-ionising radiation emitted by cell phone towers is unable to cause damage to DNA and, as a result, cancer (American Cancer Society, 2018). However, the effects of the radiation on wildlife such as bats and birds are not as well understood. In Zeekoevlei, flamingos, pelicans, mongooses and wild otters regularly enter our residential properties to feed, breed or just to rest. Therefore, we cannot make the waterline the cut-off point for development that may affect these creatures.

The City of Cape Town is in dire need of economic development, but the erection of the mast does not fulfil this objective. The Zeekoevlei-Rondevlei area has the potential for becoming an important element in the greater eco-tourism economy of Cape Town. To that effect, the organisation I belong to, namely the Friends of Zeekoevlei and Rondevlei (FOZR), has taken good action to promote the entry of visitors to the Rondevlei reserve, which has had good success in the past two years. Furthermore, the erection of a cell phone mast as a means of improving GSM/LTE signal in the area appears poorly motivated for; my own family here in Zeekoevlei enjoys comfortable access to CellC, MTN, Vodacom and Telkom Mobile signals (which we will happily demonstrate to anyone who may be interested), even though we are located the furthest distance from existing masts in the greater Grassy Park area.

I repeat my objections to the erection of a cell phone mast in Zeekoevlei, at the said property, for the following reasons:

- (1) Radio-frequency electromagnetic waves in the range emitted by cell phone towers have been shown to interfere with geomagnetic orientation in migratory birds (Engels et al., 2014; Kirschvink, 2014). There are over 230 freshwater and coastal bird species known to inhabit the Zeekoevlei-Rondevlei area (BirdLife South Africa, 2018), many of which are seasonal migrants.
- (2) The defacement of the area will affect the natural aesthetics of Zeekoevlei and Rondevlei, with consequences for tourist visitation to Rondevlei reserve. The mast may even deter future economic development that may be more in line with the tourism character of the area.
- (3) We have an obligation to other living species that share the area with us not to take a short-sighted approach. A cell phone mast, once erected, will continually transmit radiation for decades into the future. Can those who erect this equipment *guarantee* that the populations of bats, birds and even insects in and around Zeekoevlei will not be affected? It seems appropriate that the proposed developers take on the responsibility to prove, using robust

published scientific evidence, that the effects of the mast will be non-harmful to the hundreds of bird species we collectively steward.

- (4) There is a need for alternative forms of development in the area. As a possible attraction for tourists, the said property may well benefit from the establishment of alternative forms of business (e.g. a coffee shop) that may be more beneficial in terms of employment opportunity creation, and better suited to the tourist-oriented nature of the area.

Yours Sincerely,

Mr Anwar Shaik

27 Boat Road, Zeekoevlei, Cape Town, 7941
(+27) 084 65 333 44 (*preferred contact method*)
Anwar.capetown@gmail.com

References cited:

American Cancer Society. 2018. *Cell phone towers*. Available: <https://www.cancer.org/cancer/cancer-causes/radiation-exposure/cellular-phone-towers.html> [2018, July 8]

BirdLife South Africa. 2018. False Bay Nature Reserve. Available: <https://www.birdlife.org.za/get-involved/join-birdlife-south-africa/item/258-sa116-false-bay-nature-reserve> [2018; July 8]

Engels, S., Schneider, N.L., Lefeldt, N., Hein, C.M., Zapka, C.M., Michalik, A., Elbers, D., Kittel, A., Hore, P.J. & Mouritsen, H. 2014. Anthropogenic electromagnetic noise disrupts magnetic compass orientation in a migratory bird. *Nature*. 509(7500): 353-356

Kirschvink, J.L. 2014. Radio waves zap the biomagnetic compass. *Nature*. 509(7500):296-297

1188

Faieza Abrahams

From: Colwyn Beukes
Sent: 06 July 2018 10:30 AM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: OBJECTION TO APPLICATION FOR NEW CELLPHONE TOWER IN ZEEKOEVLEI
Erf 1804 70369466

FYI

Regards

Colwyn Beukes
Section Head: Customer Interface
Cape Flats District (G)
Development Management

Ground Floor Ledger House, Athlone
PO Box 283, Athlone, 7760

T + 27 21 684 4324
F + 27 21 684 4400

E colwyn.beukes@capetown.gov.za
W www.capetown.gov.za



From: Mascha Ainslie <mainslie@psp.org.za>
Sent: Thursday, July 5, 2018 11:37 AM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Cc: Charles Ainslie <charles.ainslie@yahoo.com>
Subject: OBJECTION TO APPLICATION FOR NEW CELLPHONE TOWER IN ZEEKOEVLEI

Response to the Development Application Notice for the 25m cell phone mast to the property of 21 Victoria Road, Zeekoevlei: Application no: 70369466

From:
Name: Mascha Ainslie
Address: 81 Peninsula Rd, Zeekoevlei
Tel: 021 705 2613
Contact through email (mainslie@psp.org.za) **or cell phone:** 082 3355885
Affected: I am a property owner in the area
Reason for objection:
1. Health risk: There is well-researched evidence regarding the impact of high levels of radio energy radiating from cell phone towers which links human diseases such as two types of cancer and cell malfunction to people and plants living within 400 metres of such

masts. I object to this installation which will cause even more radiation exposure to the people and the environment.

2. Zeekoevlei is a Nature Reserve and thus a conservation area. This alone should protect the inhabitants of this environment with its precious indigenous fauna and flora from the dangers of such radiation exposure.

3. These towers are unsightly and spoil the beauty of the area.

I object to this installation.



Mascha Ainslie
Trustee

Primary Science Programme (PSP)

email: mainslie@psp.org.za | web: www.psp.org.za

phone: +27 21 691 9039 | mobile: +27 82 335 5885

B-BBEE Status: Level One



SUPPORT THE PSP TO SUPPORT TEACHERS

Faieza Abrahams

From: Colwyn Beukes
Sent: 02 July 2018 04:08 PM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: Objection to Application 70639466 Erf 1804
Importance: High

FYI

Regards

Colwyn Beukes
Section Head: Customer Interface
Cape Flats District (G)
Development Management

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From: Len Davies <lend@iafrica.com>
Sent: Sunday, July 1, 2018 6:44 PM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Subject: Objection to Application 70639466
Importance: High

**OBJECTION TO APPLICATION FOR DEPARTURE AND CONSENT IN
TERMS OF MUNICIPAL PLANNING BY-LAW, 2015: ERF 1804,
ZEEKOEVLEI, 21 VICTORIA ROAD – APPLICATION 70639466**

Dear Sirs,

I, **Leonard Percy Davies**, ID No. 490618 5136 086, residing at 7, Egrets Way, Zeekoe Vlei 7941 and contactable on telephone No's: 021 7053908 & 076 051 9550 or by e-mail on lend@iafrica.com and an affected party to the above application submit objection to the approval thereof as follows:

The erection of a 25m Cell-phone Mast with supporting 9 Triband antennas and 3 transmission dishes is superfluous to the needs of the local and nearby population inasmuch as:

- 1.1 A major high aspect cellphone tower carrying signals for multiple cellphone operators is situated within line of sight of the proposed tower, viz 700 metres.
- 1.2 An additional Vodacom booster station is already situated within the outbuildings of Zeekoe Vlei Yacht Club and has been in operation for the past 20+ years, this also within a similar distance of the proposed mast.
- 1.3 Plans have evidently been approved for a further cellphone tower to be erected on the premises of the Zeekoe Vlei Yacht Club on the corner of Governor's Walk and Skipper's Way. Refer to community meetings held early May 2017
- 1.4 Signal is readily obtained from a variety of sources in the neighbourhood
- 1.5 No community consultation has taken place with regard to Application 70639466.
- 1.6 The guidelines of the ICNIRP are specific when addressing the cumulative effect of base stations. I quote as follows:
*"The power of a base station varies (typically between 10 and 50 watts) depending on the area that needs to be covered and the number of calls processed. This is low compared to other transmitters such as radio and television, which usually work at power levels ranging from several kilowatts to several megawatts. In general, the field strength decreases very rapidly with distance from the source and can be calculated (as the inverse square of the distance). Personal exposure to HF fields from base stations is different to that from mobile phones. HF exposure from mobile phones is mostly limited in time and is largest in the head or in those parts of the body close to where the phone is held. **By contrast, base stations are a source of continuous whole-body exposure. This exposure is less intense than from a mobile phone, but occurs whether a mobile phone is being used or not.**"*
- 1.7 A recent report on the impact on property values by Erwin Rode states the increased public concern and stigmatization associated with EMFs have **a direct impact on property values**".
- 1.8 Notice of the proposal was not posted on the local notice board nor in a conspicuous place. The Impression is gained that the notice was posted away from passing pedestrian traffic purely in an effort to conceal the said notice and thus receive minimal objections while complying with the requirements of posting the said document.
- 1.9 What consideration has been taken into account for the potential risk to birds as the mast will be situated beneath an avian flight path to various parts of the Ramsar site of which Zeekoe Vlei forms a part?
- 1.10 I gather that the Zeekoe Vlei Civic Association has not been notified, something I understand to be a requirement.
- 1.1.1 That a residential property owner would wish to undertake a commercial venture of this nature for which handsome recompense is significant at the expense of neighbours health and well-being smacks of immoral and iniquitous conduct. A community cannot exist when individuals act purely on self-interest to the detriment of those around them.
- 1.12 The said property will no doubt need to be re-zoned given that the property is to be used for commercial purposes. Will residents be afforded the opportunity to be advised in order to object or will notice thereof be once again secreted in an obscure location?

Yours faithfully,

Len Davies.

Len Davies,
lend@lafrika.com
 Tel: +27 21 705 3908
 Mob: +27 76 051 9550

1192

Faieza Abrahams

From: Colwyn Beukes
Sent: 11 July 2018 11:48 AM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: Addendum to Objection

FYI

Regards

Colwyn Beukes
Section Head: Customer Interface
Cape Flats District (G)
Development Management

Ground Floor Ledger House, Athlone
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E colwyn.beukes@capetown.gov.za

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From: Len Davies <lend@iafrica.com>
Sent: Tuesday, July 10, 2018 6:07 PM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Cc: Gerry Gordon <Gerry.Gordon@capetown.gov.za>
Subject: Addendum to Objection

**ADDENDUM TO OBJECTION TO APPLICATION FOR DEPARTURE
AND CONSENT IN TERMS OF MUNICIPAL PLANNING BY-LAW,
2015: ERF 1804, ZEEKOEVLEI, 21 VICTORIA ROAD –
APPLICATION 70639466**

Dear Sirs,

I, **Leonard Percy Davies**, ID No. 490618 5136 086, residing at 7, Egrets Way, Zeekoe Vlei 7941 and contactable on telephone No's: 021 7053908 & 076 051 9550 or by e-mail on

1193

lend@iafrica.com and an affected party to the above application submit objection to the approval thereof as follows:

I refer to my Objection dated 2nd July 2018 and wish to amend as follows:

Ref. 1.3 – I understand that the application for the erection of an additional tower on the corner of Governor's Walk and Peninsula Road at Zeekoe Vlei Yacht Club was dismissed as a result of an objection from the False Bay Nature Reserve based on the effect to animals and avian life in the R4eserve.

1.3.1 – It is my understanding that the current application on which we are commenting has been submitted as a result of the failure as listed in 1.3 above.

1.3.2 – Should the erection of the tower not be rejected, birds returning to roosting areas at the Rondevlei Nature Reserve by their traditional and instinctive flight paths would pass directly over an area being radiated by the tower's transmission.

1.3.3 – It has come to my attention that an additional tower not listed in my original objection exists in the area of the Rooikrans Sports Complex, this within < 1 Km from the site of the proposed tower.

Thanking you for your attendance,

Len Davies

Len Davies,
lend@iafrica.com
Tel: +27 21 705 3908
Mob: +27 76 051 9550
Fax: +27 86 560 6076

If you forward this email PLEASE delete the forwarding history, and ALL prior email addresses, leaving only the intended message itself. It is more than just courtesy; no one wants their email address sent all over the world! Erasing the history helps prevent Spam and viruses from spreading.

Faieza Abrahams

From: Colwyn Beukes
Sent: 06 July 2018 10:30 AM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: Objection to Application 70369466 Erf 1804
Attachments: Objection to the erection of base telecommunication station.pdf

FYI

Regards

Colwyn Beukes
 Section Head: Customer Interface
 Cape Flats District (G)
 Development Management

Ground Floor Ledger House, Athlone
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TDA
 CAPE TOWN
 The City of Cape Town's Transport
 and Urban Development Authority

From: JODY VAN DEN HEEVER <3409289@mvuwc.ac.za>
Sent: Thursday, July 5, 2018 3:12 PM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Subject: Objection to Application 70369466

Good Afternoon

Please find letter of objection for Application Number 70369466 attached below.

Kind regards
 Jody van den Heever
 072 902 3056



Disclaimer - This e-mail is subject to UWC policies and e-mail disclaimer published on our website
 at: <https://www.uwc.ac.za/Pages/emaildisclaimer.aspx>

Objection to the erection of base telecommunication station:**Application number 70369466****ERF 1804 Zeekoevlei, 21 Victoria Road**

To whom it may concern

It has come to my attention that a cell phone tower is potentially being erected in our community.

My concern is that no form of community engagement has been structured by the parties involved in the erection of the tower. I reside less than 100m from the designated site and have not received any form of notification pertaining to the plans, as I'm sure no other residents have received official notification either. Most people have become aware of this through an article written in the Southern Mail Wednesday July 4th 2018, it is alarming that the community is made aware within 7 days of the cut-off date for any objections, leaving little time to coordinate any form of argument.

It is easy to argue that there is no sufficient evidence to support that telecommunication stations are harmful to humans, however we should note that there is no conclusive evidence proving that these towers pose no risk to our health at all. Another concern is also the visual hindrance of this tower in the community and its possible effect on property value depreciation

I would like clarification on the following:

- What is the timeframe in which communities must be notified and provide feedback?
 - What is the procedure and was it met?
- Is there evidence of community engagement? Was a forum provided?
- Is there an environmental impact study on the tower in the area?
 - Specifically its impact on the nature reserve and the effects on the wildlife, who are more vulnerable to RFR(radio Frequency Radiation) . Refer to Ramazzini Institute Study, 22 March 2018 Animal Study on Base/Cell Tower Radiofrequency Radiation.
 - The possible impact on humans through exposure.
- The proximity of the cell towers so close to one another . 21 Victoria Road and 67 Victoria Road, Grassy Park.

As a resident of Zeekoevlei and the larger Grassy Park area, I feel we have not been given a reasonable timeframe in which to respond appropriately in light of the lack of appropriate notification from the stakeholders of this particular project.

Please provide a reference number in response to this mail.

Jody van den Heever

61 Fishermanswalk, Zeekoevlei

Cape Town

Tel: 021 7066574

Faieza Abrahams

From: Colwyn Beukes
Sent: 12 July 2018 08:58 AM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: OBJECTION TO APPLICATION 70369466

FYI

Regards

Colwyn Beukes
 Section Head: Customer Interface
 Cape Flats District (G)
 Development Management

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From: nicolene poggenpoel <nicolenepoggenpoel@gmail.com>
Sent: Wednesday, July 11, 2018 3:58 PM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Cc: Gerry Gordon <Gerry.Gordon@capetown.gov.za>
Subject: OBJECTION TO APPLICATION 70369466

TO WHOM IT MAY CONCERN

TO WHOM IT MAY CONCERN

FROM J.R. RAINERS

7 WOODROW WAY

ZEEKOEVLEI

021 705 4940

072 900 8328

I, J.R. Rainers hereby object to the Application for Consent in terms of Item 59(b) and Item 68(c) to permit a freestanding base telecommunication station on Erf 1804, 21 Victoria Road, Zeekoevlei and the departure respectively. (Application no. 70369466).

We need urgent intervention In this matter as it will cause the value of our property to decline and it is detrimental to the health of the people in the area.

Furthermore, I wish to point out that residents in the area were not aware of this application as only certain residents received notices to collect a registered letter at the post office. The date on which I received this notice was the 19 June 2018.

It was only after The Southern Mail published an article on the 4 July 2018 for which I was interviewed at my request that the general public became aware of this application.

I trust that this matter will receive the urgent attention it deserves.

Yours sincerely

J. R. Rainers

Kind regards
Nicolene Poggenpoel

(on behalf of J.R.Rainers)

1198

Faieza Abrahams

From: Colwyn Beukes
Sent: 02 July 2018 04:10 PM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: Objection to Cellphone Mast Erf 1804 70369466

FYI

Regards

Colwyn Beukes
Section Head: Customer Interface
Cape Flats District (G)
Development Management

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E colwyn.beukes@capetown.gov.za

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From: hawa.logday <hawa.logday@gmail.com>
Sent: Sunday, July 1, 2018 5:05 PM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Subject: Objection to Cellphone Mast

Application no : 70369466
21 Victoria Road Zeekoeivlei.

Dear Sir / Madam

I strongly object to the development application notice to house a 25m cellphone mast .

RADIATION

Potential health effects of electromagnetic fields emitted by cellular base stations. There are links to
Cancer
Headaches
Insomnia
Depression
Diabetes
Attention Deficit disorder
Alzheimer's

1199

This is a residential area. We cannot expose ourselves knowing the damage it causes to health. I'm a cancer survivor and do not wish it on my worst enemy. We have young families with young children in the area and need to consider all these factors.

Regards

Hawabibi Logday
No 70 Fisherman's Walk Zeekoeivlei
Mobile 083 412 4412
Email : hawa.logday@gmail.com

!
Sent from my Samsung Galaxy smartphone.

Faieza Abrahams

From: Colwyn Beukes
Sent: 09 July 2018 09:55 AM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: Cell phone mast 21 Victoria Rd Erf 1804 Case ID 70369466

FYI

Regards

Colwyn Beukes
 Section Head: Customer Interface
 Cape Flats District (G)
 Development Management

Ground Floor Ledger House, Athlone
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E colwyn.beukes@capetown.gov.za
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From: Colleen McDowell <colleenmcdowell72@gmail.com>
Sent: Sunday, July 8, 2018 9:48 AM
To: Comments_Objections Cape Flats <Comments_Objections.CapeFlats@capetown.gov.za>
Subject: Cell phone mast 21 Victoria Rd

To whom it may concern:

I strongly oppose the plan to erect a cell phone mast at 21 Victoria Road Zeekoevlei.

Zeekoevlei is a nature reserve with a Ramsa status.
 The wetland is very precious in Cape Town and the work done to preserve it, is made harder because of it being in an ever spreading urban area.

To add a cell phone tower, which is not only an eyesore but a possible threat to migratory birds and humans, is criminal.
 Rondevlei is a tourist attraction.
 This beautiful area should be preserved for future generations.

Colleen McDowell
 20 Otters Creek
 Zeekoevlei
 072 756 9834

1201

Faieza Abrahams

From: Colwyn Beukes
Sent: 09 July 2018 09:07 AM
To: Faieza Abrahams
Cc: Mark Florus
Subject: FW: OBJECTION to proposed cell phone tower in residential area Erf 1804

FYI

Regards

Colwyn Beukes
Section Head: Customer Interface
Cape Flats District (G)
Development Management

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-----Original Message-----

From: Charlene Jefferies <chalrenejefferies@gmail.com>
Sent: Saturday, July 7, 2018 9:18 PM
To: Colwyn Beukes <colwyn.beukes@capetown.gov.za>
Subject: OBJECTION to proposed cell phone tower in residential area

My objection to you applies to application number ref nr 70369466.
I object strongly against the erecting of a cell phone mast in my residential area.
My name is Charlene Jefferies. My address is 2 Otter's Creek road, Zeekoewiel. My phone nr is 0725316436. You can contact me via email at chalrenejefferies@gmail.com <<mailto:chalrenejefferies@gmail.com>> or at this cell nr. This proposed mast is close to where I live and sleep and I do not want or need better cell phone reception. I do not wish to be experimentally within range of transmission frequencies that most people I know don't understand.
I chose to live in this area as it is natural and close to nature as a city dweller can be. There were no cell phone masts here when I chose to buy my home and that was one of the reasons I liked the area.
I have read several studies that give actual health warnings that cell phone companies are trying to quell as they put up more and more of their ugly towers that deface our skylines.
In affluent areas they actually try to hide these ugly structures by adorning them with plant-like exteriors, but here in Grassy Park, they stick out like ugly, industrial- looking metal skeletons that beam out unhealthy radiations and cause me STRESS every time I drive past one.
NO! To one near where I live. NO NO NO.
I have reason to believe that due process has'nt been followed by the people proposing this detrimental object near my home. More corruption and illegal actions in our country that staggers under corruption, crime and


1

1202

feelings of unwellness and fear wherever one turns. I object to my home space falling under the influence of these high frequency wavelengths that I do not understand and do not want to live near to.

Sincere Regards
Charlene Jefferies

1203

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/01/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, Belinda Day, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 


CONTACT NO 061 8014686

ADDRESS 22 Flamingo Crescent

Zeekoven

7941

1204

CITY OF CAPE TOWN	
PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZ A. VOLEWYN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, Leon Louw....., the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED.....

CONTACT NO. 0826328802

ADDRESS 43 Fishermans Walk

Zakhele

1205

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(Please print) LIZA VOLKOVIN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capefiats@capetown.gov.za)

I, Shaveen Anesdien, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles,yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 


CONTACT NO. 082 370 8554

ADDRESS 22 VICTORIA RD

ZEERKOELE

7741

1206

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKWHYN	
 Signature	11/05/2018 Date

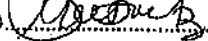
Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)


(e-mail: comments_objections.capeflats@capetown.gov.za)

I, Mrs. Audrey Siebritz, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 
CONTACT NO. 0839673050 / 0815261333
ADDRESS 4 WOODROW WAY
LEEKORILET
GRASSY PARK 7941

1207

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, ALDRIDGE DAW, the undersigned, object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 

CONTACT NO. 0845112214

ADDRESS 8 BOAT ROAD, ZEEKOEVELEI

1208

CITY OF CAPE TOWN	
PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKWHYN	
	11/07/2018
Signature	Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I,.....,the undersigned,object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....S. Ederies

CONTACT NO.....072 5171286

ADDRESS.....12 Egora way
Zeehoewer

1209

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKWIN	
	11/07/2018
Signature	Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, ZULMA MOOSA.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles,yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....


CONTACT NO.....083 724 2319

ADDRESS.....ST VICTORIA ROAD

.....ZOOLOEVEI

.....794

1210

CITY OF CAPE TOWN	
PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKWHYN	
 Signature	11/01/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments objections.capeflats@capetown.gov.za)

I, Shirley Rhyll, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED.....

CONTACT NO. 072 4365744

ADDRESS 34 F.S. Enga Way

Zichemba

1211

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, RIGGIE ADAMHAMS, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 

CONTACT NO. 0700 995 729

ADDRESS 67 TURBERG WALK

WIMBORER-PARK

212

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) <u>LIZ A. VOLKMAN</u>	
<u>[Signature]</u> Signature	<u>11/07/2018</u> Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, RAEES DOOLIE.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED [Signature].....


CONTACT NO. 066 124 1403.....

ADDRESS 23 Victoria Rd.....

Pelican Park.....

7941.....

1213

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) UZA VOLKMAN	
 Signature	1/10/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I,.....,the undersigned,object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....

CONTACT NO.0610158462.....

ADDRESS:SPATHON WARK.....

1214

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
	10/12/2018
Signature	Date

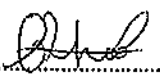
Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I,.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED.....

CONTACT NO.....083552052

ADDRESS.....NO. 1. COOT WAY

ZEELDE-VLEI

1215

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
	11/01/2018
Signature	Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I,.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED 

CONTACT NO. 084 35 36 233

ADDRESS 537 ALTON WALK

.....HARNOVER PARK 7780

1216

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
	11/07/2018
Signature	Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I,.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED.....

CONTACT NO.....

ADDRESS.....

.....
.....

1217

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, Nareeman Fykhief, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED Nareeman Fykhief

CONTACT NO. 083 666 3205

ADDRESS 34 FISHERS WAY

ZEEROVERLEI

1218

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) <u>LIZ A. VOLKMAN</u>	
Signature <u>[Signature]</u>	Date <u>11/07/2018</u>

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, NADIA EBRAHIM, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED [Signature]

CONTACT NO. 072349 0117

ADDRESS 27 PENINSULA DRIVE

ZEEKOEVLIE

1219

CITY OF CAPE TOWN	
PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLEWIN	
	11/01/2018
Signature	Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, N. PAUL, the undersigned, object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....

CONTACT NO. 0837833246

ADDRESS 45 FISHERMAN'S WALK
266061 VLEI

1220

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLEKUN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, M. MARVEL.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED.....

CONTACT NO.....082406126

ADDRESS.....21 Victoria Ro

.....REKROUSE

1221

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLEKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, LIEZEL DAWN.....,the undersigned,object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....

CONTACT NO. 084511214

ADDRESS No 8 Boat Rd, Zeekoville

1222

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/01/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I,.....LAURA ISAACS.....,the undersigned,object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles,yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....L. Isaacs.....

CONTACT NO.....079 447 4677.....

ADDRESS.....120 Fishermans Walk - Zeekoulei
7941.....

1223

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capefiats@capetown.gov.za)

I, R. G. G. G., the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....R. G. G. G......

CONTACT NO.....082 3215044.....

ADDRESS.....13 Risen Close.....

.....2000.....

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) <u>LEA VUKWANI</u>	
<u>[Signature]</u> Signature	<u>11/01/2018</u> Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, Janine M Hartney, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles,yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED [Signature]


CONTACT NO. 074 695 0027

ADDRESS 23 Victoria Rd

Zeekoeielei

7941

1225

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMYN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, James C., the undersigned, object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 

CONTACT NO. 021-673 2108

ADDRESS Zeekoerlê

226

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZ A. VOLEWYN	
 Signature	10/1/2018 Date

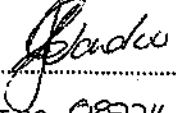
Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, MRS J. NIMCOO.....,the undersigned,object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED.....

CONTACT NO. 0823161198

ADDRESS 3 WOODROW WAY

ZEERKOEVLIE

1227

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, Ismael Davis, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED 

CONTACT NO. 0823794665

ADDRESS 29 VILORIA RD

2014 GLE

1228

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLEWYN	
	11/01/2018
Signature	Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, ERROK DE MINK, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Celiphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an exsisting transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED E. de Mink


CONTACT NO. 021 7054031

ADDRESS 33 VICTORIA RD

ZEERKOEVE

7941

1229

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2016 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, C. PAULSE, the undersigned, object to the above application for the following reason/reasons:


- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 

CONTACT NO. 021 7062470

ADDRESS 36 FISHEAGLES WAY
2EEKOE VLEI

230

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) Liza Volkmann	
 Signature	11/07/2016 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, EDDIE - AFICA, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles,yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)


SIGNED E. Africa

CONTACT NO. 021-7061214

ADDRESS 39 Fish Eagle Way

Zeekoevlei

231

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKMAN	
 Signature	11/07/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, MRS C. A. EBRAMIN, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED.....


CONTACT NO. 0763186613 or 021 7069402

ADDRESS 97 PENINSULA ROAD

SEKOUKUN

7941

1232

CITY OF CAPE TOWN PLANNING & BUILDING DEVELOPMENT MANAGEMENT	
Original of this copy collected by hand by	
(please print) LIZA VOLKWIN	
 Signature	11/01/2018 Date

Dear Sir/Madam,

RE: DEVELOPMENT APPLICATION NO.70369466(ERECTION OF CEL.TOWER)

(e-mail: comments_objections.capeflats@capetown.gov.za)

I, CARLA ISAACS, the undersigned, object to the above application for the following reason/reasons:

- 1.The Radio-active transmissions from these towers are a health hazard.(especially for pregnant woman,young children and the frail and aged.)
- 2.The sensitive ecosystem and bird life will be dramatically affected.(birds nest almost anywhere even on electric poles.yet they do not go near cel.towers.The position borders on the False Bay nature reserve.
- 3.Cellphone reception is adequate in the area.
- 4.The unsightly structure and the negativity surrounding these towers will have a very negative impact on property prices in the area.
- 5.There is an existing transmission tower less than a kilometer away at the Grassy Park High School (where all nearby vegetation surrounding that tower has died.)

SIGNED 

CONTACT NO. 0849176100

ADDRESS 120 FISHERMANS

WALK

ZEKKEVLEI

1233

Annexure

F

Applicant's response to objections

1234

HIGH WAVE

CONSULTANTS

11A Gladstone Street
Durbanville
7550

CASE ID: 70369466

01 November 2018

Attention: Mark Florus
DIRECTOR: DEVELOPMENT MANAGEMENT
City of Cape Town: Cape Flats District
Ledger House,
Cnr Aden Avenue and George Street,
7764

Dear Madam

RE: RESPONSE TO OBJECTIONS RECEIVED ON THE APPLICATION FOR DEPARTURE AND CONSENT TO PERMIT A FREESTANDING COMMUNICATION BASE STATION ON ERF 1804 ZEEKOEVLIE (21 VICTORIA ROAD)

This letter serves as a response to objections/ comments received on 18 October 2018.

In terms of sections 82 & 83 of the City of Cape Town Municipal Planning By-Law (MPBL), 2015, members of the general public and various departments were invited to share any comments/ objections regarding this application. During this public participation phase, 13 (thirteen) letters/ emails of objection were received by interested parties. In terms of the City of Cape Town Municipal Planning By-Law, 2015 a petition will be processed as 1 (one) objection. One petition was received – containing 23 (twenty-three) signed letters. Section 90(5) of the City of Cape Town Municipal Planning By-Law, 2015 provides the list of requirements that need to be adhered to in the comment/ objection in order to be recognised. Comments/ objections which failed to showcase these requirements were disregarded (e.g. full name and interest in the application). No negative comments/ letters of objections were received by any internal departments of the City of Cape Town.

The main concern raised by the objector relates to (1) *Need and Desirability*, (2) *Public Participation process*; (3) *Land use concerns* (4) *Environmental Concerns*, (5) *Health Concerns*, (6) *Visual Impact*, and (7) *Property Devaluation*. We have addressed these concerns in the writing below.

1. NEED AND DESIRABILITY

The property is located at 21 Victoria Road, Zeekoevlei. Zeekoevlei is located approximately 22km southeast of Cape Town City Centre and east of the M5. Surrounding suburbs include Grassy Park, Pelikan Park, Retreat and Philippi. Zeekoevlei is increasingly becoming more popular due to its potential to attract tourism as well as socio-and economic amenities in close proximity. Amenities in this sense refer to public schools, employment opportunities and transport options. An increase in popularity has a knock-on effect on the population size, seasonal guests (tourists and holidaymakers) and the subsequent larger demand for effective voice- and data coverage. An increase in demand for voice- and data services causes high levels of cellular congestion which ultimately result in more dropped calls and failure to access internet-intensive applications on personal computers and handheld devices. The importance of sufficient coverage relates to the enhanced level of health and safety (access to emergency services i.e. ambulances, police, fire departments etc.), social amenities (access to social media i.e. WhatsApp, Facebook, Instagram, YouTube etc.) and economic opportunities (accessibility to faster, efficient and reliable internet and communication options to local businesses and individuals).

The current roll out of telecommunication infrastructure by cellular network providers is undertaken to upgrade and improve network coverage and quality to all customers. Telecommunication networks experience peak demand in the evenings between 18:00 and 23:00. During these times people are at their homes and use internet-intensive devices. Thus, a large portion of the network upgrade is aimed at residential areas. Business and other activity areas have been prioritised over the past 20 years, for commercial reasons and given the fact that legislation and policies steered proposals of this nature, towards non-residential areas.

Modern mobile telecommunication is based on a cellular system (refer to figures 1-3). Each cell is covered by a base station which provides voice- and data coverage for handheld devices (i.e. cell phones and iPads/ tablets). As the device-user shift from one location to another, the voice- and data coverage are transferred to the next base station (Figure 1). Early mobile telecommunication systems had very large cells with tens of kilometres radius and were predominantly located along highways due to offering service mainly for car-phones. With the introduction of digital mobile phone systems (and other handheld devices) cell sizes got much smaller and base stations were established in densely populated areas (Figure 3). The limited power of mobile phones made it necessary to reduce the distance to the service-users. The cell size depends on (i) *the radiation distance of the mobile phone*; (ii) *the average number of connected calls*; (iii) *the topographic characteristics of the covered area and the surrounding buildings, vegetation and other shielding objects*; and (iv) *the type of antenna used*.

When choosing a site for a telecommunication base station, service providers are guided by nominal points indicating the areas where poor signal is being experienced.

CHOICE OF SITE

These nominal points are selected because of an increase of customer complaints, within an area. When there is an increase in the number of users in an area. The coverage provided by the existing network decreases, leading to dropped calls and lack of data services. Figures 1-3 strive to explain how the need for an increase in cellular infrastructure evolves in a typical urban area.

Cellular infrastructure explained:

Figure 1 is an illustration of optimum network and data coverage. This is explained by envisioning the octagonal shape of a honeycomb (cells). As network users increase, the cells shrink which leads to gaps within this network of cells. This leads to dropped calls, weak/ limited signal and the failure to access the latest technologies in communication innovations (Figure 2). Gaps between cells require new/additional telecommunication base stations to be placed in these gaps to retain good network coverage. Locations for telecommunication infrastructure are primarily chosen within areas where a need exists for coverage (refer to Figure 2). If a need for coverage does not exist in a specific area, no company would invest capital to build a telecommunication base station in the said area. The fact that there are only a few telecommunication base stations in the surrounding area supports the statement that there is a clear need for coverage in the area.



Figure 1 - Initial coverage (cell) provided by Telecommunication Base Stations



Figure 2 - Coverage decreases due to increase in network users – cell size decreases



Figure 3 - Additional telecommunication base stations required to fill the gaps

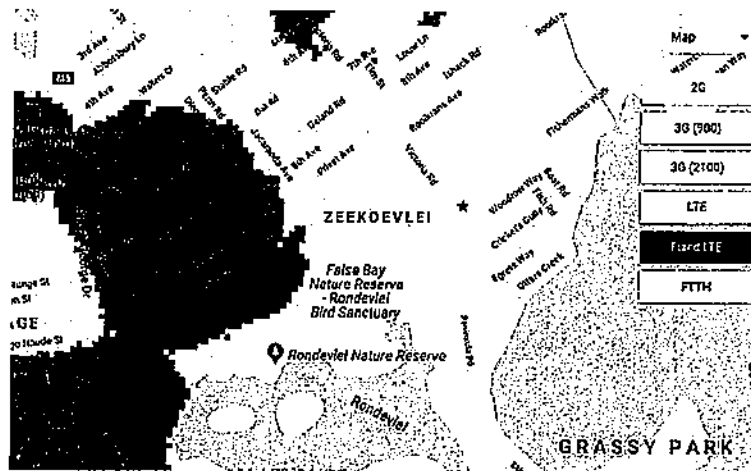


Figure 4 – MTN Fixed LTE connectivity in the area of Zeekoevlei – Red star indicates the location of the site (Source: https://www.mtn.co.za/Pages/Coverage_Map.aspx)

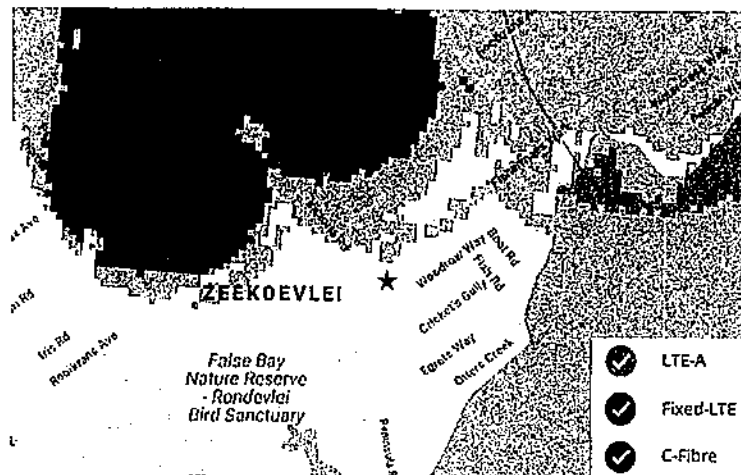


Figure 5 – Cell C connectivity in the area of Zeekoevlei – Red star indicates the location of the site (Source: <https://www.cellc.co.za/cellc/coverage-map>)

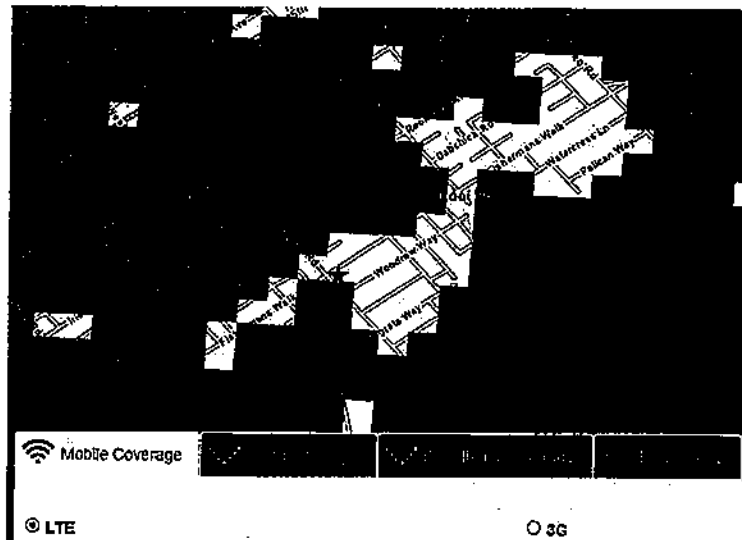


Figure 6 – Vodacom LTE connectivity in the area of Zeekoevlei – Red star indicates the location of the site (Source: <https://www.vodacom.co.za/vodacom/coverage-map/>)

Figures 4, 5 and 6 illustrates the current need for coverage in Zeekoevlei, specifically the subject area. It should be noted that some areas have very limited LTE. Therefore, a freestanding telecommunication base station as proposed in this application will increase the amount of coverage in this area.

Figure 7 represents the current voice- and data coverage found in Zeekoevlei. This application attempts to increase the amount of accessibility to sufficient and effective coverage. Figure 8 represent the estimated enhanced coverage to be experienced with the addition of this installation to the network.

We believe that telecommunication infrastructure at the proposed location is of great importance as it will allow for multiple mobile network providers to collocated and share infrastructure.

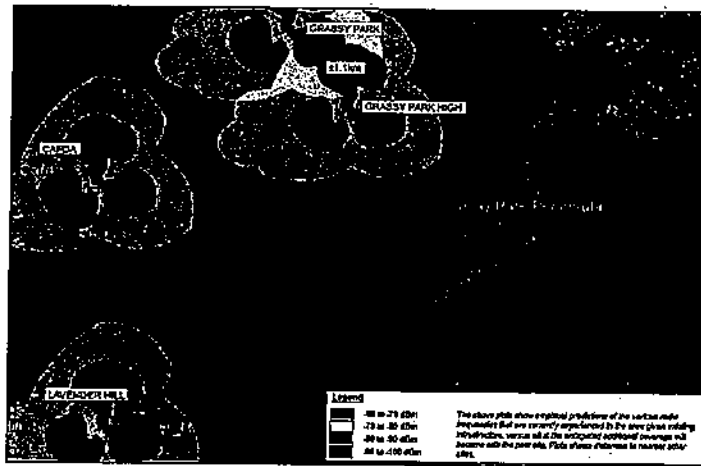


Figure 7 – Radio Frequency plot before site construction and nearby Telecommunication Infrastructure

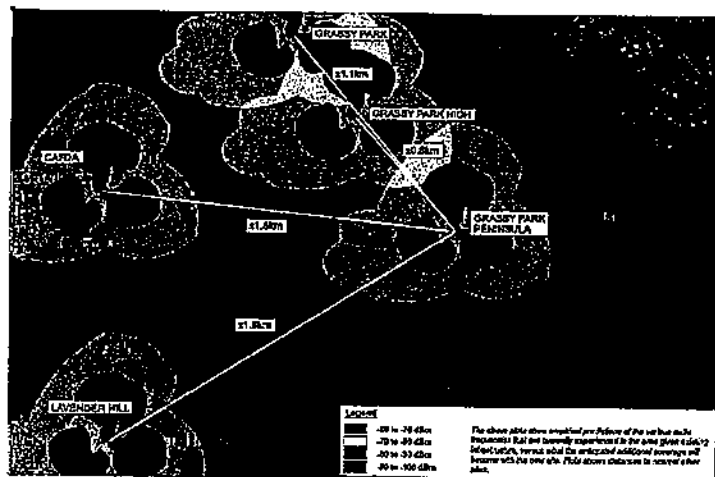


Figure 8 - Radio Frequency plot after site construction and nearby Telecommunication Infrastructure

2. PUBLIC PARTICIPATION PROCESS

Objectors raised concern regarding the public participation process which was followed. With reference to section 79 of the City of Cape Town Municipal Planning By-Law, 2015 (Figure 9 – Extract from the City of Cape Town MPBL, 2015:45) we wish to draw council's attention to subsection (2) of section 79. Subsection 2 indicates that the City may require the use of or use any one or a combination of methods of notice as listed under Section 79(2).

79	Notice of application
(1)	The City must, in accordance with the requirements of this Part, cause notice to be given of its intention to consider an application.
(2)	Subject to sections 80, 81 and 82, the City may require the use of or use any one or a combination of these methods of notice –
	(a) publish a notice in the media as contemplated in section 81;
	(b) serve a notice to a person as contemplated in section 82;
	(c) serve a notice of no objection as contemplated in section 84.
(3)	The City may, in addition to the methods contemplated in subsection (2), require the applicant to display a site notice which must –
	(a) be laminated and of a size of at least 60 cm by 42 cm;
	(b) be displayed on every boundary of the land unit or units concerned which abut a street or at any other conspicuous place on the unit or units which the public is likely to see;
	(c) be displayed for a period and from a date set by the City Manager, which may not be less than 30 days; and
	(d) be replaced if it is damaged or removed during the notification period.
	<small>[Sub-s. (3) substituted by s. 17 of City of Cape Town: Municipal Planning Amendment By-Law, 2016]</small>
(4)	Where an applicant gives notice, the applicant must provide proof to the City within seven days of giving notice.
(5)	Subject to the requirements of national and provincial legislation, the City Manager may exempt an application from a public notification process if the application does not materially and adversely affect the rights of the public.

Figure 9 – Extract from the City of Cape Town MPBL, 2015:45

A notice was published in the *The Southern Mail* on 4 July 2018 and an on-site notice was placed on the property boundary wall (Figure(s) 10 and 11). It should be noted that a community engagement session is not mentioned as a prerequisite for public participation according to the City of Cape Town Municipal Planning By-Law, 2015. Therefore, this application followed the process as required. Figure(s) 10 and 11 presents photographic proof that an on-site notice was placed in order to inform the surrounding neighbourhood of the proposed development. It should be noted that the notice was placed in such a manner that it was entirely visible and not hidden as mentioned by objectors. We are of the opinion that the correct phases of the public participation process have been followed as stipulated in terms of sections 80, 81 and 82 of the City of Cape Town Municipal Planning By-Law, 2015. Therefore, we are of the opinion that the followed process was lawful and inclusive.



Figure 10 – Photographic proof of the on-site notice placed on Erf 1804, Zeekoevlei – refer to red encircling.

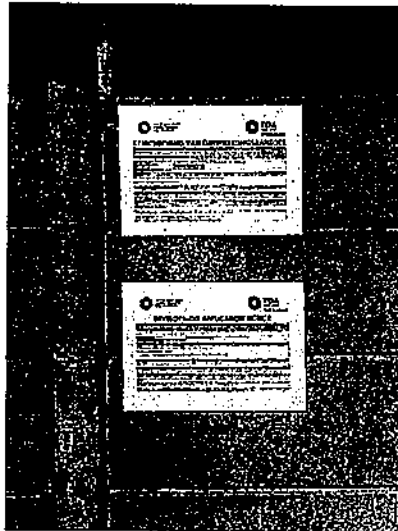


Figure 11 - Photographic proof of the on-site notice placed on Erf 1804, Zeekoevlei

Objectors raised concerns regarding the zoning of Erf 1804, Zeekoewyl.



GENERAL BUSINESS AND SPECIAL USE ZONINGS	SPECIAL ZONING	FLOOR FACTOR	COVERAGE	MAXIMUM HEIGHT ABOVE BASE LEVEL	BUILDING LINES		STREET CENTRELINE SETBACK	OTHER PROVISIONS
					Street boundary	Covered area		
GENERAL BUSINESS SUBZONING (GBS-1-CB7)	001	1.5	100%	16.0 m	0.0 m up to 10.0 m height; 4.5 m above 10.0 m	0.0 m	0.0 m	Residential investment in respect of GSB.
PRIMARY USES Business premises, dwelling houses, second dwelling, housing houses, flats, places of instruction, place of worship, institution, hospital, place of assembly, place of entertainment, hotel, conference facility, service trade, security use, utility services, rooftop base	002	2.0	100%	15.0 m	0.0 m up to 10.0 m height; 4.5 m above 10.0 m	0.0 m	0.0 m	Total floor space connection
	003	2.0	100%	25.0 m	0.0 m up to 10.0 m height; 4.5 m above 10.0 m	0.0 m	3.0 m	Elevated or balcony projection
	004	3.0	100%	25.0 m	0.0 m up to 50.0 m height; 4.5 m above 10.0 m	0.0 m	0.0 m	Public pedestrian passage along street boundary
	005	4.0	100%	25.0 m	0.0 m	0.0 m	0.0 m	Street corner
	006	6.0	100%	30.0 m	0.0 m up to 25.0 m height; 15.0 (15.0 m) above 25.0 m	0.0 m	0.0 m	Parking and access
CONSENT USES Adult shop, adult entertainment facilities, adult sex-link, informal trading, open-air market, retail, repair, service, motor vehicle repairs, food/beverage, hairdressing salon, in-house construction activity, night club, adult recreation, food and beverage, food processing, food sale, helicopter landing pad and service station	007	12.0	100%	60.0 m	0.0 m up to 38.0 m height; 15.0 (15.0 m) above 38.0 m	0.0 m	0.0 m	Low-flying aircraft Scavenging Wind mitigation

HIGH WAVE CONSULTANTS

We wish to reiterate the fact that the property is zoned 'General Business 1' (refer to Figure 12). 'General Business 1' zoned properties hold the right to develop a freestanding base telecommunication station by means of a council's consent. Therefore, the concern raised by objectors to rezone the property should be disregarded.

Currently, the property is used for commercial uses. This is one of the few properties in the subject area suitable to accommodate the proposed development. Erf 862, Zeekoevlei is zoned 'Community Zone 1' which also allow for a freestanding base telecommunication station by means of council's consent. However, Erf 862 was not considered as it holds great aesthetic value and plays an integral role in the surrounding area. Therefore, Erf 1804 is the only possible site which will be able to accommodate the said development.

4. ENVIRONMENTAL CONCERNS

Environmental and social sustainability are regulated by *The National Environmental Management Act (Act 107 OF 1998) (NEMA)* - published in Government Notice No. R324. When read together with the National Environmental Management Act Regulations Listing Notice 3 of 2017 (promulgated April 2017), an Environmental Impact Assessment (EIA) or Environmental Authorization (EA) is only applicable in the following circumstances:

The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower:

- i) is to be placed on a site not previously used for this purpose; and*
- ii) will exceed 15 metres in height*

But excluding attachments to existing buildings and masts on rooftops.

The requirements in the Western Cape are defined in NEMA Listing Notice 3 of 2017:

(f) In Western Cape:

- i) All areas outside urban areas; or*

HIGH WAVE CONSULTANTS

ii) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority, or zoned for a conservation purpose, within urban areas.

We wish to draw objector's and council's attention to the fact that we have obtained the required *Environmental Authorisation from Western Cape Government: Department of Environmental Affairs and Development Planning* with reference nr.: 16/3/3/6/1/A2/9/3195/18 (obtained on 17/08/2018 - see attached to this letter of response). – read together with Figure 14.

1. This letter serves as an acknowledgement of receipt of the afore-mentioned checklist by this Directorate and to confirm the applicability of the NEMA EIA Regulations, 2014 (as amended).
2. Based on the information provided, this Directorate notes the following:
 - 2.1. The proposed activity entails the development of a 25m high cellular communication mast and associated infrastructure on Erf 1804, Zeekoewiel;
 - 2.2 The development footprint will be approximately 50 m² in extent; and
 - 2.3 The site is located within an urban area on a property zoned as General Business 1.
3. You are hereby informed that the proposed development does not trigger any listed activities in terms of the NEMA EIA Regulations, 2014 (as amended).
4. Written environmental authorisation is therefore not required from the competent authority (in this instance this Directorate) prior to the undertaking of the said development.
5. This determination is based on the fact that the cellular communication mast will be located inside an urban area, but outside an area designated for conservation or zoned for a conservation purpose or public open space.

Figure 14 – Extract from the *Environmental Impact Assessment Delisting* notice under reference nr.: 16/3/3/6/1/A2/9/3195/18 (obtained on 17/08/2018)

We therefore wish to point that this proposed development holds the support from the *Western Cape Government Department: Department of Environmental Affairs and Development Planning*. The mast is proposed outside an area designated for conservation or zoned for a conservation purpose or public open space. For this specific reason, the site was selected due to its current land use (commercial purposes) as other properties in the subject does not exist which could have been suggested as alternative sites. We believe that any other option would not have been viable in terms of land-use, zoning or visual impact.

5. HEALTH CONCERNS

- a) There are no conclusive studies linking emissions at these levels to any health effects and scientific research that may reveal such a link is ongoing. The steps taken by the cellular communication companies to ensure the safety of the public against any possible harmful emissions, along with the above facts, concerns about health issues can be allayed. With reference to the RF exposure areas stipulated in the TMIP, 2015 it should be clearly noted that the proposal adheres to OBJ.10 of the TMIP with no habitable structures situated within the 50m public exposure zones.
- b) The City of Cape Town Telecommunications Policy and the South African Department of Health supports the erection of telecommunication base stations in accordance with ICNIRP (International Commission on Non-Ionizing Radiation Protection), the WHO (World Health Organization) and ICASA (Independent Communications Authority of South Africa). *(Please refer to the attached memorandum from the South African Department of Health.)*
- c) ICNIRP (International Commission on Non-Ionizing Radiation Protection) allows for an exposure measurement level of 41.000 (v/m) within a distance of 15m from the antennae. Cellular operator antennae operate at a level of not more than 0.04 (v/m) within a distance of 15m, in laymen's terms the levels are approximately 1/1000th of the prescribed exposure levels. It is therefore clear that the installation of these antennae does not pose a health risk.
- d) The newly promulgated City of Cape Town telecommunications policy thoroughly addresses health concerns by the implementation of public safety exposure zones. The proposal is in line with both the 5m and 50m public exposure zones as indicated in the above-mentioned policy and we therefore do not anticipate any health risks.
- e) The Directorate: Radio Control, within the South African Department of Health is the responsible authority regulating cellular base-station effects on health. The department of health regulates non-ionizing radiation, and this includes electromagnetic fields (EMF) at frequencies less than 300 GHz.

The Directorate makes use of the World Health Organization's (WHO) International EMF Project (www.who.int/emf) as its primary source of information and guidance with respect to the health effects of EMF and cellular infrastructure.

With reference to EMF there are two recent publications by the World Health Organization that are of direct relevance.

- (i) International EMF Project Fact Sheet *"Electromagnetic fields and public health: mobile phones"* <http://www.who.int/mediacentre/factsheets/fs193/en/index.html> and;
- (ii) The results of the multi-national 10-year long INTERPHONE study on mobile phone use and brain cancer risk (press release – www.iarc.fr/en/media-centre/pr/pdfs/pr200_E.pdf). The Directorate endorses the exposure guidelines published in 1998 by the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

The World Health Organization has officially endorsed these studies with regards to EMF exposure. ICNIRP states categorically that exposure to EMF at any level below that of the ICNIRP exposure guidelines will protect people against the known adverse health effects of EMF.

South Africa's Department of Health has published EMF exposure limit guidelines. These are based on guidelines endorsed by the ICNIRP (International Commission on Non-Ionising Radiation Protection), an independent scientific organization established in 1992. Emissions from the base stations and antennae comply with these guidelines.

In a statement made by the Department of Health dated 19 January 2018 on the Health Effects of base stations states the following (see attached to this letter of response):

"The Department is therefore satisfied that the health of the general public is not being compromised by their exposure to the microwave emissions of cellular base stations. This also means that local and other authorities, in considering the environmental impact of any particular base station, do not need to and should not attempt, from a public health point of view, to set any restrictions with respect to parameters such as height of the mast, distance to the mast, and duration of exposure."

We are therefore of the opinion that all health aspects regarding the proposed base station were taken into consideration and that this proposal will not be in violation of any individual's constitutional right to an environment that is not harmful to their health or general wellbeing.

6. VISUAL IMPACT

In order to lessen the visual impact of the proposed development, we propose a few mitigation measures. Figure(s) 15 and 16 represent the initial proposal, while Figure(s) 17 and 18 illustrate the proposed mitigation measures. We suggest the following mitigation measures;

- Lowering of the mast from 25m – to 21m (lowest height at which proficient voice- and data coverage is provided)
- The amendment of the mast type from monopole- to tree type.

Additionally, the palisades and equipment containers may be painted green in order to better blend with the surrounding environment.



Figure 15 – Initially proposed 25m high monopole mast – towards a north-eastern direction from Fisherman's Walk



Figure 16 – Initially proposed 25m high monopole mast – towards a northern direction from Victoria Road.

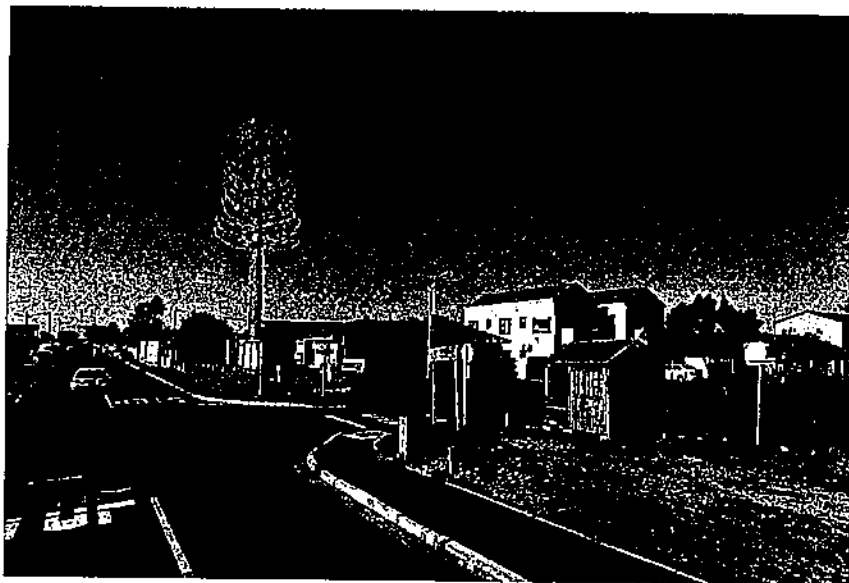


Figure 17 – Newly proposed 21m high tree type mast – towards a north-eastern direction from Fisherman's Walk

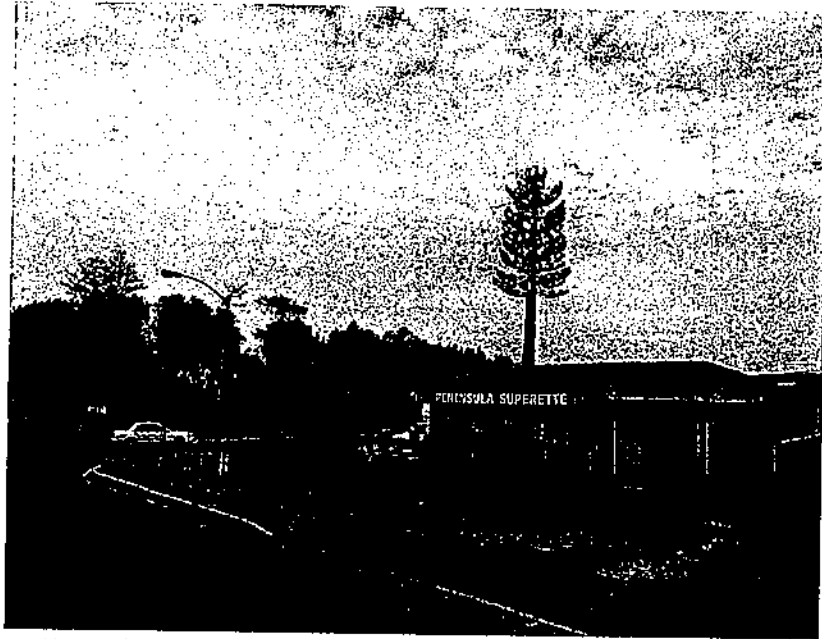


Figure 18 – Newly proposed 21m high tree type mast – towards a northern direction from Victoria Road.

We believe that a tree type mast will best blend with the surrounding natural environment of Zeekoevlei as it will echo the row of trees found along Fisherman's Walk. Painting the pallsades and associated equipment green, will further assist in blending the development with the surrounding natural environment.

Should the amended mast height and type carry council's support, the building plans will be amended accordingly.

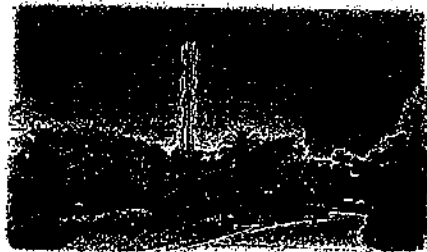
1251

HIGH WAVE CONSULTANTS

7. PROPERTY DEVALUATION:

a) PROPERTY EVALUATION REPORT (1) FACTUAL INFORMATION RELATING TO RESIDENTIAL PROPERTY SALES SITUATED IN CLOSE PROXIMITY OF FREESTANDING BASE TELECOMMUNICATION STATION:

<u>PROPERTY LOCATION/ ADDRESS</u>	<u>VALUATION YEAR</u>	<u>VALUATION PRICE (BEFORE FSBTS CONSTRUCTION)</u>	<u>VALUATION YEAR AFTER FSBTS CONSTRUCTION)</u>	<u>DISTANCE TO EXISTING MAST</u>
16 VERONA STREET, DURBANVILLE	1999	R 190 380.00	N/A	150 M
PROPERTY EVALUATION SIMILAR IN CHARACTERISTICS AS THE ABOVE PROPERTY				
10 HAMPTON CRESCENT, DURBANVILLE	2015	R 350 000.00	R 4 100 000.00	150 M
17 VERONA STREET, DURBANVILLE	2001	R 167 000.00	N/A	150 M
12 HAMPTON CRESCENT,DURBANVILLE	2007	R 350 000.00	R 4 000 000.00	150 M



**DETAILS OF MAST IN CLOSE
PROXIMITY OF ABOVE VALUATIONS:**

1) ADDRESS – LA VERONA CLOSE
2) DATE OF CONSTRUCTION – 2002
3) HEIGHT – 25M
4) TYPE – LATTICE DESIGN

**CONCLUSION REGARDING RESIDENTIAL PROPERTY VALUES IN CLOSE PROXIMITY OF MASTS
PRIOR/ AFTER CONSTRUCTION:**

▪ BOTH EVALUATED PROPERTIES ARE SITUATED WITHIN 150M FROM THE EXISTING MAST WITH ANTICIPATED PROPERTY VALUE GROWTH OF MORE THAN A 100% OVER A PERIOD OF 7 TO 13 YEARS. THE FACTUAL INFORMATION OBTAINED FROM PROPERTY 24 CONFIRMS THAT FSBTS SITUATED IN CLOSE PROXIMITY OF RESIDENTIAL AREAS ACTUALLY INCREASES THE VALUES OF PROPERTIES RATHER THAT DETERING GROWTH.

b) PROPERTY EVALUATION REPORT (1) FACTUAL INFORMATION RELATING TO RESIDENTIAL PROPERTY SALES THAT ARE NOT SITUATED IN CLOSE PROXIMITY OF A FREESTANDING BASE TELECOMMUNICATION STATION:

<u>PROPERTY LOCATION/ ADDRESS</u>	<u>VALUATION YEAR/ VALUE</u>	<u>PROPERTY LOCATION/ ADDRESS</u>	<u>VALUATION YEAR/ VALUE</u>	<u>DISTANCE TO EXISTING MAST</u>
4 KORING STREET, DURBANVILLE	2001/ R 379 000.00	2 KORING STREET, DURBANVILLE	2016/ R 2 100 000.00	600 M
11 KORING STREET, DURBANVILLE	2001/ R 145 000.00	16 KORING STREET, DURBANVILLE	2011/ R 1 450 000.00	700 M
ALL EVALUATED PROPERTIES ARE SITUATED WITHIN 700M FROM THE EXISTING MAST WITH ANTICIPATED PROPERTY VALUE GROWTH OF MORE THAN A 60 % OVER A PERIOD OF 7 TO 13 YEARS. THE FACTUAL INFORMATION OBTAINED FROM PROPERTY 24 CONFIRMS THAT FSBTS SITUATED IN CLOSE PROXIMITY OF RESIDENTIAL AREAS ACTUALLY INCREASES THE VALUES OF PROPERTIES RATHER THAN DETERING GROWTH.				

This subject has been debated for years and at present no confirmed evidence exists that properties situated in close proximity of a base station would result in the decrease of property value. There are various residential properties situated in close proximity of affluent areas such as Durbanville, Somerset West and Camps Bay where property value has not decreased as stated by the objectors.

In light of the above factual evidence provided vs not factual perceived statements of the objectors, clear evidence exist that properties situated in close proximity of a telecommunication base station vs properties situated further away has no impact on property values

CONCLUSION:

We would like to emphasise the positive contribution this base station will have on the immediate area of Zeekoevlei, holiday-makers, commuters as well as the surrounding community:

- This application is by no means a careless act as health and environmental aspects are taken into consideration with associated proof that this development holds no threat for inhabitants and/or commuters.*

HIGH WAVE CONSULTANTS

- Most households in the surrounding area depend on the services of the cellular telecommunications providers, including internet and social networking media (Facebook, Twitter etc.). With such a high demand for their products, it follows that service providers are responsible for supplying a high level of network coverage.
- Please note that the residents in the area are not the only ones being provided with these services. Visitors to the area, businesses and daily commuters will benefit by having access to improved communication facilities.
- Mobile communication has become an important safety and security element in modern society. In an emergency, such as housebreaking, medical alert or fire, a member of a household can quickly and easily contact the emergency services for help. However, if the coverage of mobile service providers is poor, then contacting emergency services becomes a difficult task.

Finally, we would like to emphasize that communications companies deliver an important service to the wider public, and in terms of their license with ICASA they have to meet certain standards in order to retain their licenses. One of these standards is to supply adequate network coverage to their demanding customers. The proposal also allows for all other service providers to share this installation and refrain from constructing another base station in this area.

It is clear that the proposed application meets the applicable desirability criteria and precedents set and it is therefore recommended that the application be supported by the relevant authorities.

We trust the above response addresses your concerns. Please do not hesitate to contact me should you have any additional queries.

Kind Regards



Wessel J. Strydom

Pr. Pln. A/2514/2017

1254



Western Cape
Government
Environmental Affairs and
Development Planning

DIRECTORATE: DEVELOPMENT MANAGEMENT
REGION 1

REFERENCE NUMBER: 16/3/3/6/1/A2/9/3195/18
ENQUIRIES: Mr. M. Lamour
DATE OF ISSUE: 2018-08-17

The Director
Highwave Consultants (Pty) Ltd.
11 a Gladstone Street
DURBANVILLE
7550

*BST - Grassy Park
Peninsula.*

For Attention: Mr. B. Fisher-Holloway

Tel: (021) 975 1754
Email: brian@highwave.co.za

Dear Sir

ACKNOWLEDGEMENT OF RECEIPT OF THE CHECKLIST AND CONFIRMATION OF THE APPLICABILITY OF THE NEMA EIA REGULATIONS 2014 (AS AMENDED) FOR THE PROPOSED DEVELOPMENT OF A 25 M HIGH CELLULAR COMMUNICATION MAST AND ASSOCIATED INFRASTRUCTURE ON ERF 1804, ZEEKOEIVLEI.

The checklist for the determination of the applicability of the NEMA EIA Regulations, 2014 (as amended) dated 26 June 2018 and received by this Department on 28 June 2018, refers.

1. This letter serves as an acknowledgement of receipt of the afore-mentioned checklist by this Directorate and to confirm the applicability of the NEMA EIA Regulations, 2014 (as amended).
2. Based on the information provided, this Directorate notes the following:
 - 2.1. The proposed activity entails the development of a 25m high cellular communication mast and associated infrastructure on Erf 1804, Zeekoeivlei;
 - 2.2 The development footprint will be approximately 50 m² in extent; and
 - 2.3 The site is located within an urban area on a property zoned as General Business 1.
3. You are hereby informed that the proposed development does not trigger any listed activities in terms of the NEMA EIA Regulations, 2014 (as amended).
4. Written environmental authorisation is therefore not required from the competent authority (in this instance this Directorate) prior to the undertaking of the said development.
5. This determination is based on the fact that the cellular communication mast will be located inside an urban area, but outside an area designated for conservation or zoned for a conservation purpose or public open space.

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6. However, should any revision of the proposed development comprise any activities that constitute a listed activity as defined in Listing Notice 1,2 or 3 of NEMA EA Regulations, 2014 (as amended) an application for environmental authorisation must be submitted to the competent authority and authorisation obtained before such activity(ies) may commence.
7. The proponent is reminded of their general duty of care and the remediation of environmental damage, Section 28(1) of NEMA specifically states that –

"Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment".

This Department reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated

Yours faithfully


 HEAD OF DEPARTMENT

Copied to: Mr. R. Samsof (City of Cape Town: ERM)

Fax: (021) 444 3802



Department of Health

Directorate: Radiation Control
Private Bag X62
BELLVILLE
7535

☎: 021 957 7483
Fax: 021 946 1589
E-mail: Leon.DuToit@health.gov.za

Enquiries: LL du Toit
Date: 19 January 2018

To whom it may concern

HEALTH EFFECTS OF CELLULAR BASE STATIONS AND HANDSETS

The Directorate: Radiation Control is the section within the National Department of Health that is responsible, from the viewpoint of human health, for regulating electronic products producing **non-ionising** electromagnetic fields (EMF), i.e. where the frequency of such EMF is less than 300 GHz. In carrying out this responsibility, the Directorate has been utilising the World Health Organization's (WHO) International EMF Project (www.who.int/peh-emf/en/) as its primary source of information and guidance with respect to the health effects of EMF. The International EMF Project was established by the WHO in 1996 to (i) assess the scientific evidence for possible adverse health effects of non-ionising electromagnetic fields on an on-going basis, (ii) initiate and coordinate new research in this regard, and (iii) compile health risk assessments for different parts of the electromagnetic spectrum. The Department of Health has been a member of the International Advisory Committee of the International EMF Project since 1998.

In June 2005 the International EMF Project hosted a workshop that was specifically aimed at considering the possible health consequences of the emissions from cellular base stations and wireless networks. The findings of this workshop were summarised in a 2-page Fact Sheet (<http://www.who.int/peh-emf/publications/facts/fs304/en/>). The following extract from this Fact Sheet is still considered by the WHO as a summary of the findings to date, i.e. *"Considering the very low exposure levels and research results collected to date, there is no convincing scientific evidence that the weak RF signals from base stations and wireless networks cause adverse health effects."*

Another WHO Fact Sheet was published in June 2011 and reviewed in October 2014, i.e. *Electromagnetic fields and public health: mobile phones*. This Fact Sheet can be found at <http://www.who.int/mediacentre/factsheets/fs193/en/> and the conclusion is stated as follows:

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"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."

The WHO recommends utilising internationally recognised exposure guidelines such as those published in 1998 by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and reconfirmed in 2009 for the frequency range 100 kHz – 300 GHz (i.e. including all the frequencies employed by the cellular industry). The Department of Health likewise recommends the use of these ICNIRP guidelines to protect people against the known adverse health effects of EMF.

The numerous measurement surveys, which have been conducted around the world and in South Africa, have shown that the actual levels of public exposure as a result of base station emissions invariably are only a fraction of the ICNIRP guidelines, even in instances where members of the public have been really concerned about their exposure to these emissions. At present there is **no** confirmed scientific evidence that points to any health hazard associated with the very low levels of exposure that the general public would typically experience in the vicinity of a cellular base station. The Department is therefore satisfied that the health of the general public is not being compromised by their exposure to the microwave emissions of cellular base stations. This also means that local and other authorities, in considering the environmental impact of any particular base station, do not need to and should not attempt, from a public health point of view, to set any restrictions with respect to parameters such as distance to the mast, duration of exposure, height of the mast, etc.

The Department of Health is not able to make any pronouncements about the specific levels of EMF that a member of the public would experience at any particular base station site when it is in operation. However, generally-speaking unless a person would climb to the top of a mast (or other structure supporting an antenna) and position him/herself not more than a few meters away right in front of the active antenna, such a person would have no real possibility of being exposed to even anywhere near the afore-mentioned ICNIRP guideline limits. Since these base stations are typically cordoned off by means of barbed wire fencing and locked gates/doors in order to protect the sensitive and expensive technology, getting to a mast and actually climbing it despite the afore-mentioned security measures would certainly not be considered responsible behaviour. Even then the only real threat to the health of the person would be falling at any height from the structure in question. Based on the results of numerous global and local surveys, the experience has been that the exposure to base station EMF at ground level is typically in the range of between 0.001 – 1.0 % of the afore-mentioned ICNIRP guideline limits. Against this background of available data, there

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would be no scientific grounds to support any allegation that adverse health effects might be suffered by a responsible member of the public due to the EMF emitted by a base station.

Although the Department of Health currently neither prescribes nor enforces any compulsory exposure limits for electromagnetic fields, the Department does advise all concerned (whether they be a government department, the industry or the public) that voluntary compliance with the afore-mentioned ICNIRP exposure guidelines is the recommended and science-based way to deal with any situation involving human exposure to the non-ionising electromagnetic fields emitted by cellular base stations and handsets.

Yours sincerely,



LL du Toit
DEPUTY DIRECTOR: RADIATION CONTROL

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Annexure

G

Branch Comment

Faieza Abrahams

From: Rashaad Samaai
Sent: 30 May 2019 11:55 AM
To: Faieza Abrahams
Subject: RE: COMMENT REQUIRED: Case ID: 70369466: Erf 1804 Zeekoewlei, 21 Victoria Road
Importance: High

Hi Faieza

I had a brief look at the proposal and we would not have supported it despite it not requiring Environmental Authorisation from DEA&DP. I scanned the immediate surroundings and there are other feasible sites. Also mast disguised as a tree is also not suitable mitigation in this instance.

Regards

Rashaad Samaai
 Environment Professional Officer: Environment & Heritage Management Branch
 Department: Environmental Management, Spatial Planning and Environment Directorate

Ground Floor, Plumstead Municipal Offices, corner Main and Victoria Roads, Plumstead
 Tel: 021 444 2171 | Fax: 021 444 3802 | Email: Rashaad.samaai@capetown.gov.za | Web: www.capetown.gov.za

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 ISIXEKO SASEKAPA
 STAD KAAPSTAD

Making progress possible. Together.

Annexure

H

List of relevant parties

List of relevant parties**Applicant**

HIGHWAVE CONSULTANTS
25 Huguenot Street
Durbanville
7551

Objectors

1. S de Vos
6 Crickets Gully
ZEEKOEVLEI
7941
2. N, O, L, K Poggenpoel
9 Woodrow Way
ZEEKOEVLEI
7941
3. T Brown
10 Otter's Creek
ZEEKOEVLEI
7941
4. S Bennett
6 Egret Way
ZEEKOEVLEI
7941
5. N Diekmann
3 Otters Creek
ZEEKOEVLEI
7941
6. B Rickard
14 Kingfisher Close
ZEEKOEVLEI
7941
7. A Shaik
27 Boat Road
ZEEKOEVLEI
7941
8. M Ainslie
81 Peninsula Road
ZEEKOEVLEI
7941
9. L Davies
7 Egrets Way

ZEEKOEVLEI
7941

1263

10. J van der Heever
61 Fishermans Walk
ZEEKOEVLEI
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11. J R Rainers
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ZEEKOEVLEI
7941

12. H Logday
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ZEEKOEVLEI
7941

13. C McDowell
20 Otters Creek
ZEEKOEVLEI
7941

14. C Jefferies
2 Otter's Creek
ZEEKOEVLEI
7941

15. Petition of 28 signatures
c/o B Day
22 Flamingo Crescent
ZEEKOEVLEI
7941