

From:

Date: 02-07-16

MR.E.Gerber rate paying resident residing at 64 Marina rd Clarendon Marine for the past 18 years. (Property situated as main road erf 370 clarendon marine).

Re: Proposed Low-cost Housing Clarendon Marine.

To start off I recon it's easy to comment on things you know nothing about, but let me put you in the picture since I have experienced quite a bit in these past years.

Since I started out here this was quite raw bush veldt and well civilised under circumstances. The area was so quiet at night you could hear a cough out on the street or a strange sound in the bush.

Needless to say this did not last and noise increased especially over weekends with loud "music" from the two squatter camps echoing against the mountain over across my property and into my house, drunk people walking and shouting any hours of the night and early morning walking up and down the main road causing restlessness in the area.

Very often police had to be called in to quite residence at the squatter camps zwelendinga and new rest which was not always successful. This is still very much the case. I would not even want to think what it would be like living in those conditions having my "peace" destroyed by others who just don't seem to consider other living beings, while practicing their culture just across the road from me, this would surely drive any person insane.

Also crime in the area has increased to a dangerous level.

A few years ago me and my family was attacked by armed robbers while sleeping in the "safety" of our home.

I was stabbed 6 times while resisting the culprits. This was a terrible time for us as you could imagine.

Concerning people staying close to their workplace! : I don't see the point of discussion in this, seeing everyone has to travel where ever he wants to be. Just this past weekend, I saw while driving past the zwelendinga squatter camp a pickup full of liquor off-loading next to the roadside and squatters carrying it into the camp area.(I suppose it was the nights supply of juice for the jolly people). You see they don't mind the travel to bring it from who knows where!

Also For years I had to drive more than half an hour to get to my work place and still today this is the case driving to and fro where I want to be and need to work. A man that works for me also has to travel far, but I don't ever hear him complain.

In our current state of government as you know where there is more rioting than labouring for our daily needs you can be sure that this will also have an impact on the area, seeing there will always be something to riot about.

I've also considered the impact that it would have on house market value in the area if ever I need to sell. I don't think any civilised person would ever want to stay where squatter conditions exists.

I'd never get my price and hope that the government will have the funds available to assist in paying for the shortfall if this were to be the case.

I just can't see the reason why the residing squatters can't be relocated to an area where they can live their culture in peace and the local rate paying residents can live their lives in peace and safety,

in the area they chose. I'm sure the impact on the environment would be less harmful should a more suitable place be sought for the current local squatters. Then we might have some peace again and nature can return to its former state.

I hope this finds you well. Yours sincerely. E.Gerber (0823907846)

Marais, Wanda

From: Aidan Topliss <atthunderbirds012@gmail.com>
Sent: 31 May 2016 10:44 AM
To: Marais, Wanda
Subject: Re: FW: Draft Scoping Report: NMBM Seaview Low Income Housing Development

31/5/2016 Hi Wanda thank you very much for the email.

I have a suggestion that I would like to put forward please. I may be a little early. If so, would you be so kind as to keep this suggestion until the time is right to submit it?

Suggestion The beach view resort has not been used for quite some time now . It is costing the state money.
 It has many water and electrical points. It has many existing dwellings. It has much space that is already cleared of vegetation. It has recreational areas, etc etc I believe it would be an ideal location to place rdp houses. This will save the government a lot of money and time. It will also relieve the government of the costs of maintaining a resort that only a privileged few can use. The resort has been largely underused for many years.however it still has a lot od already existing infrastructure.
 If these individuals are to be housed in rdp houses . There is no law that states that they have to be stuck behind the other houses in the area. Stuck away in the bush. I suggest that the state utilizes what it already has and save time and money. Why should only a privileged few have beach front properties?
 Should the move occur the areas that are lived in now could easily and cheaply be returned to their original state, even creating employment for a few individuals to achieve this .At beach view people could harvest seaweed and other things to supplement their income.
 I do believe it is a win win situation. I am sure that it would be a huge inspiration to those that got their rdp house and started to live there.
 Has anyone seen the double storied fire proof house that are being built in Pretoria. They are R100 00.00 rand cheaper than the present rdp houses being built. Again a huge saving for the government.

Should the powers that be decide not to use the Beachview resort on a permanent basis for rdp housing. At least utilize it on a temporary basis.
 I suggest that the developers house the people at beach view on a temporary basis, whilst their shacks are being demolished and removed.
 Whilst their rdp houses are being built. This will give greater control over the process and thus reduce the influx of people trying to take advantage of the situation, by grabbing rdp houses that they are not entitled to, or people selling their shacks on to another family.
 Thank you for this opportunity to give some thought and hopefully solutions to this matter.
 Kind regards
 Aidan topliss

Dr Neil Littleton
 44 Van Renen Road
 Seaview
 Port Elizabeth

SRK Consulting
 P O Box 21842
 Port Elizabeth 6000

6 April 2014

Att.: Wanda Marais

Dear Ms Marais

RE: registration as an affected party and comments

I wish to state my fervent belief that everyone has a right to health care, an education and a house, having said this I wish to state my very strong objection to the proposed low cost economic housing development for Seaview. My rationale is not selfish but practical.

I lived in Simon's Town and saw the effects of the low cost housing in Fish Hoek in Masiphumelele (so called Site 5) which was envisaged for 5000 people when built but the reality is more came many many more, which completely overwhelmed the infrastructure and social structures (clinics, hospitals, schools etc) of Masiphumelele and Fish Hoek. I see no reason why the same would not occur here too. The reality is that the infrastructure, and what little social structure that Seaview has, cannot cope with the added burden of an influx of population; without there having to spend a much larger budget than anticipated:

- 1) An urban power supply will have to be created (currently Seaview is still reliant on a farm line- which explains the all too frequent power outages)
- 2) Increased water supply will be required with more piping being laid down from the current reservoir and possibly a larger reservoir/s will need to be created
- 3) 600 low cost houses (but many more shacks appearing), will require a sewerage line with pump stations to be erected exclusively just for the project. Both Seaview and Beachview residents use septic tanks with French drains on their properties- their properties being large enough to manage the human effluent. Also the herd immunity of the residents is such that this system of effluent disposal is safe and has not lead to public health problems, nor outbreaks of communicable diseases. A septic tank system for a large population with poor herd immunity in a very confined area, on a sloped sand dune is going to cause major community health issues with outbreaks of communicable diseases occurring frequently: gastroenteritis and diarrhoea outbreaks including the frequently fatal Shigella, Salmonella, Typhus and Cholera; needless to mention the multiple gastroenteritis virus's that are spread via the faecal oral route. Bear in mind that if you look at the data released by Stats SA on the 2011 census- the major cause of death in the Eastern Cape were diarrhoeal and respiratory diseases- especially in a population with scant herd immunity and no access to health care!
 The more feared infections transmitted by faecal oral route are HBV & HCV- a reason why many of the cemeteries were closed during the last rain season- the same principal is evident here too!
 So a sewerage line is mandatory, any attempt to circumvent this issue will be met with High Court opposition and as it is a public health issue, It is unlikely the court ruling in favour of a septic tank or bucket system.
- 4) Where are all these people going to find employment? It would then require sufficient transport being created for them to get to their respective sites of employment. The Seaview road connecting it to the N2 will need to be upgraded and broadened to cope with the extra traffic. Added to this, the ever increasing cost of petrol is eating away at domestic budgets like a cancer. The current Beachview & Seaview populations are not growing and will decline once it becomes a

"less sought after" suburb- how are these people going to find work? They will need to travel far distances to find employment. Seaview residents may start an embargo on the employment of residents of the low cost housing scheme further exacerbating the situation.

5) The added indigent and unemployed population is going to bring in many social evils that the community both formal and informal currently do not have and are ill equipped to deal with them; adding fuel to the fire of resentment from both sides at each other. More beleaguered domestic budget will need to be spent on private security costs. The current Police Station in Seaview is seldomly staffed: is the city prepared to ensure an adequately staffed police station?

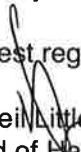
6) With the exception of site 28, all the other proposed sites are covered with endangered and protected vegetation under the auspices of the Department of Forestry and protected within our constitution! An objection has already been lodged with them. They too would be concerned about the integrity of the Baviaans Island Reserve

7) Lastly, the value of our properties will fall precipitously, which is, after all our life's investment. This will of course have a knock- on effect both personally and publicly (reduced rates and taxes income for the city)

In summation, the housing shortage of the residents of New Rest and Zweledinga is an issue that has been left for far too long and will require concessions from all sides, however the most logical and cost effective and practical solution is to build the housing estate in Green Bushes.

I thank you for your attention in this regards

Kindest regards


Dr Neil Littleton
Head of Haematology
Aloe Igazi Unit
P.E Provincial Hospital

Marais, Wanda

From: leigh@thefilingcompany.co.za
Sent: 02 June 2016 08:31 AM
To: Marais, Wanda
Subject: RE: Draft Scoping Report: NMBM Seaview Low Income Housing Development: further comment

I reside in Claredon Marine and have also invested in another property that is not yet developed , I also work from home and require a environment that is relatively noise free .

- 1)Can you guarantee that the property prices of land will not be affect by this – specifically if option 2 is the site developed if not what options are available to us as recourse should values decrease as a direct proven result
- 2) I object to the development on the area of option 2 in that it will completely destroy the view from my back deck and therefore affect the value and push down prices of other undeveloped private owned land
- 3) in the past when there have been protest actions in the area – for whatever reason the- main seaview road from the N2 down to the Ocean has been sealed off at the current informal settlement sites the residents – specifically of Claredon Marine – have been left venerable and without an access route to escape or get to work. This issued has yet to be addressed or resolved
- 4)Saying that this development will solve protest issues is naïve , with this proposed settlement on the main road the risk of further incidents is heightened – again with us being “ blocked” in and certainly the volume of noise and traffic will increase considerably and be consolidated, The Road is not sufficiently wide, there are no yellow lanes or commuter demarked areas .
Any development in this area will furthermore cause massive amounts of sand and dust to come across at this suburb , are their legal remedies should this cause health issues related this construction
- 5) IT proposed that a single settlement of 600 house with possibly 2000 people get consolidated into a single area opposite my home for me to watch and listen too ,and further more a sewerage plant on my back door for me to smell as well – again are there legal remedies in place should health and stress issues occur as a result .

While nobody can deny people’s right to homes, this development should take place in areas already designated for housing development and not force additional developments on legal residents who have chosen to live in this area for specific reasons like the peace, quite, natural occurring forestry and for the views and abundance of wildlife all of which will be damaged if not destroyed or changed forever by this development , my rights are equally important as is the area in which I have chosen to invest my life, time and money

I cannot object more strenuously to this development

Leigh Denny

Marais, Wanda

From: Amelda Merrick <MerrickA@sjmsa.co.za>
Sent: 05 July 2016 10:23 AM
To: Marais, Wanda
Subject: REMINDER: Seaview Low Income Housing Development, Port Elizabeth

Dear Wanda

Herewith our concerns :-

1. We are very concerned about the proposed entrance to the development that will be adjacent to our property at 41 van Reenen Street. That specific road is a paved area which will never handle the amount of traffic and will flow in and out of the development as well as the noise factor.
2. I simply cannot understand how the development can be approved behind us in Van Reenen Street if it was denied with so many prior developers that wanted to erect decent upmarket homes and complexes. There are so many indigenous vegetation in that area that I really have great difficulty in understanding how some applicants can be denied permission to build there and then a couple of years down the line a low cost housing development is on the cards in that area.
3. *It's a great concern that a low cost housing development will be inbetween Clarendon Marine and Seaview .*
4. *We cannot understand that so many homes are going to be build in seaview and that there are definitely not enough work for these recipients of the homes. If these homes get allocated to people that are not self sustainable it will definatly lead to more crime in the village .*

Please keep me posted on the progress !

Regards

The logo consists of the letters 'SJM' in a bold, stylized font. The 'S' and 'J' are connected, and the 'M' is separate. There is a horizontal line through the middle of the letters.

*Amelda Merrick
Office of the Managing Director
Deon Joubert
Tel :041-4025623
Fax:041-4531719
Cell: 071 6088 500*

Marais, Wanda

From: dirros <dirros@eastcape.net>
Sent: 05 July 2016 10:45 AM
To: Marais, Wanda
Subject: Re: REMINDER: Seaview Low Income Housing Development, Port Elizabeth

Good morning

We own a holiday house in cradock road the development is of great concerne as this quiet holiday accomodation will become unsafe and an expansion in population of people. We invested lots of money and this development will decrease the value to our property.

Definitely there are lots of other places for low houses to be developed.

Thanks

DS Visser
Cradock Road 6

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: "Marais, Wanda" <WMarais@srk.co.za>
Date: 05/07/2016 09:43 (GMT+02:00)
To:
Subject: REMINDER: Seaview Low Income Housing Development, Port Elizabeth

Dear Authorities, Stakeholders and IAPs,

REMINDER: Seaview Low Income Housing Development, Port Elizabeth

This serves as a reminder that the deadline for comment as per the Draft Scoping Report (DSR) for the proposed Seaview Low Income Housing Development, will expire at **17h00 on 7 July 2016**.

You are kindly requested to forward your comments to us timeously to ensure that they will be included in, and addressed in the Final Scoping Report (FSR) to be released in due course.

Kind Regards,



Corner Belmont Terrace and Castle Hill, Central, Port Elizabeth 6001
Private Bag X5001, Greenacres, Port Elizabeth 6057 | Republic of South Africa

Tel: 041 508 5800 | Fax: 041 508 5865 | E-mail: Nicole.Gerber@dedea.gov.za

www.dedea.gov.za

Reference: ECm1/C/LN2/M/01-2014
Enquiries: N. Gerber

Nelson Mandela Bay Municipality
P.O. Box 11
Port Elizabeth
6000

Fax: 041 585 7261
E-mail: jmkosana@mandelametro.gov.za

CC: SRK Consulting
Fax: 041 509 4850
E-mail: portelizabeth@srk.co.za

Attention: Mr Joram Mkosana/Mr Rob Gardiner/Ms Nicola Rump

APPLICATION FOR AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT 107 OF 1998 TO UNDERTAKE A LISTED ACTIVITY AS SCHEDULED IN THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010: PROPOSED SEAVIEW LOW COST HOUSING DEVELOPMENT, WITHIN THE NELSON MANDELA BAY MUNICIPAL AREA.

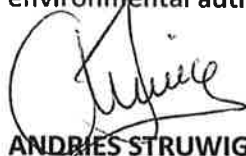
The Draft Scoping Report (DSR) for the above application for comment by SRK Consulting on behalf of the NMBM refers. Refer also to the Department's letter acknowledging receipt of the application form dated 13 February 2014.

The Department has reviewed the DSR and hereby provides the following comment for inclusion/consideration in the FSR:

1. The statement on page 1 indicating that a separate application is underway for the Seaview Bulk Water Supply, and the indication that water supply has not been included in the scope of this assessment, even though it is mentioned that authorisation may be dependent on authorisation of the water supply project, seems contradictory to the Department. No such housing development can be authorised without a full understanding of the supply available, as well as the demand required for the development to be feasible, reasonable and sustainable, including provision for growth of the community.
2. It is noted that the EIA Process flow included in Figure 1-2 does not include a PPP for the FEIR. Please refer to Regulation 56 (6) of R. 543 of the 2010 EIA Regulations and ensure that such is communicated to all I & AP's during the process. An acceptable time frame for the Department for review of a FEIR is 30 days, which enables us to consider such prior to the decision to accept or reject the FEIR.

3. Under Section 1.9, it is indicated that resettlement planning has not been included as part of the specialist studies and will be addressed by the NMBM outside the scope of the EIA. Comment regarding this planning will be required from the NMBM.
4. The provision of bulk services, such as waste management, sewage, water and electricity, must be proven (capacity vs. demand, as well as plans for augmentation or expansion to provide for this development) and cannot be part of any "Assumptions and Limitations" of any EIA Process. Such services are an integral part of such a low cost housing development or any housing development and cannot be separated from it and done at a later stage under a separate process.
5. Further alternatives for sewage treatment as proposed should Option 2 be the preferred site for the development must be included in the FSR. The leach pits and their impact with a high density residential low-cost housing development have not been suitably explained. As it has the potential for more units, alternatives must be suggested other than those proposed for the Option 1 sites.
6. Page 46 of the DSR indicates a 14 day comment period for the PPP which is in contradiction to Figure 1-2, whereby a 21 day comment period is indicated. The Department requires that a minimum period of 21 days for commenting on the FSR, in accordance with the PPP regulations, Regulation 56, is adhered to.
7. It is noted from the comments and responses report on the BID that it seems that no formal PPP has been conducted by SRK with the residents of New Rest and Zweledinga. Such must be conducted throughout the remainder of the assessment process.
8. Could the NMBM not confirm that solar geysers will be provided for each unit as well as a rainwater tank with sufficient capacity, and with the required plumbing to supply each unit with water for flushing toilets etc. in order to begin reducing the impacts on services of such low cost housing projects?
9. The proposal for rehabilitation plans for the areas currently occupied by the informal settlements should Option 2 be the preferred option to be authorised, must be included in the FSR and Plan of Study for the EIR.
10. The Plan of Study (POS) for the EIR must include a Bulk Services Report addressing water, sewerage, stormwater management, waste management, electricity supply etc.
11. Public open space management, as well as management of community facilities including the provision of schools, a clinic and community centre is also to be included in the POS.

The applicant's attention must be drawn to the fact that the activity may not commence prior to an environmental authorisation being granted by DEDEAT.



ANDRIES STRUWIG
ASSISTANT DIRECTOR: EIM
CACADU REGION

DATE: 6 July 2016

Marais, Wanda

From: Conrad Fehrsen <cfehrsen@eci.co.za>
Sent: 07 July 2016 04:57 PM
To: Marais, Wanda
Subject: RE: Draft Scoping Report: NMBM Seaview Low Income Housing Development

Good Afternoon Wanda

Please include this list of comments relating to the bid:

- I find there is a general tone in the SRK (& other when specified) response column, that the issues raised by the community have been planned for. The fact of the matter is that there are many of these issues that are still problematic in other areas in Nelson Mandela Bay Municipal area and will occur to some extent in Seaview.

Please address issues in detail!

Such issues are:

- Damage to the Coastal Forest Belt, the current affected areas where damaged by the proposed recipients themselves.
- Hovering smoke in air through burning of tyres, wood for heating purposes.(Coastal Forest belt will supply such needs)
- Noise pollution through far more dense communities in close proximity to 800 - 1000 sq. meter erven communities.
- Noise pollution through pets and animals such as chicken and dogs of these communities.
- Basic logic is that communities in 800 - 1200 sq. meter erven will lose value on their properties.
- Additional Dwellings will be erected on 250sq. meter erf and a unplanned increase in population will take affect!(building directorate cannot enforce building law in such areas.)
- Shebeens in existing area will move with new housing.

Additional item;

The increased traffic to proposed affected area 10/28 does not suit the existing planned layout of Seaview Village. Heavy vehicles such as refuse removal, busses, human waste removal trucks.

Thank you

Regards

Conrad Fehrsen

From: Marais, Wanda [<mailto:WMarais@srk.co.za>]
Sent: 27 May 2016 13:29
To: Undisclosed recipients:
Subject: FW: Draft Scoping Report: NMBM Seaview Low Income Housing Development
Importance: High

Dear Authorities, Stakeholders and Interested & Affected Parties,

Draft Scoping Report: NMBM Seaview Low Income Housing Development
DEDEAT Reference Number: ECm1/C/LN2/M/01-2014

Marais, Wanda

From: Online2851204 <cherylve@telkomsa.net>
Sent: 07 July 2016 04:35 PM
To: Marais, Wanda
Cc: seaviewbeachview@gmail.com
Subject: Low income housing development

Dear Mz Wanda Marais

I have had the opportunity to view the documents in question at the Walmer Library and would like to raise/place the following on record

1. Lack of consultation all round
2. Increase of road traffic on these narrow roads will most definitely lead to serious road accidents. We have speeding sand/stone quarry trucks traveling here plus the addition to speeding taxis which could only lead to disaster. There are no fire brigade or ambulance services close by which is another factor to be taken into account
3. Current roads are in a poor condition how will the increase in traffic impact on this. Currently I have been informed by the Municipality that there are no funds to place speed humps/calming zones in Beachview let alone attending to verges next to the roads or maintaining it. I refer in particular to the pot hole situation.
4. Our suburbs are all without street lights which is another danger should volumes increase on these narrow roads as visibility will be poor
5. We are all very aware that taxis are a law unto their own. These roads do not allow a driver to pull over and collect/drop of passengers which will cause obstructions as well as other road users
6. Where there are taxi ranks we have an increase of rubbish and health issues as this particular coastal area is well known for its richness/diversity in fauna and flora it raises serious question
7. There is talk about solar panels but it is a well known and proven fact that an increase in residents in the low income housing development leads to cable theft as well as illegal electricity connections

It would be appreciate if you could advise when all the queries/comments raised by all the residents will be addressed

Yours faithfully

Cheryl van Eekelen

Marais, Wanda

From: Jannet & Eddie <janned@iafrica.com>
Sent: 06 July 2016 01:24 PM
To: wmarais@erk.co.za
Cc: seaviewbeachview@gmail.com
Subject: Low income housing development

I wish to raise my concern regarding the matter surrounding the sewerage issue. Having read the section of the report on this matter I am not convinced that the writer understands the workings of a septic or conservancy tank and the maintenance required to keep it functioning.

With the properties footprint being small and the proposed location of the tanks to be in a similar position on each plot it will not be very long before the ground area will become saturated and a mess.

Secondly, no mention is made of the emptying of these tanks and who bears the responsibility and cost. If it is left to the home owners then this will lead to problems as the cost of removing the waste from a tank is in the order of R700,00 plus per time.

This matter was during the discussions surrounding the development of the farm on the East end of Seaview village as a high density suburb and at that stage the residents were led to believe that individual tanks would not be allowed in developments of this nature.

I also raise my concern as to the lack of consultation with all parties concerned, as the only information received has been via the printed media.

Regards,
E H E Hill

Sent from [Mail](#) for Windows 10

Marais, Wanda

From: Paul De Villiers <paul@ects.co.za>
Sent: 14 July 2016 04:45 PM
To: Marais, Wanda
Subject: Proposed Seaview low cost housing development

Good day Wanda.

I am a resident of Seaview and have also been nominated to look after road related issues by our Seaview Residents Association.

Would you please register me as in interested and affected party with regards to the above development.

Also, could you by means of a plan/map, show me where the potential 5 sites are?

Yours sincerely,



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

| | | |
|-------------------------------------|-------------------|---------------------------------|
| P.O. Box X6041, Port Elizabeth 6000 | Tel: 041 501 0717 | Enquiries: M. Bloem |
| E-mail: bloemm@dwa.gov.za | Fax 086 537 4689 | Ref: Seaview Low Income Housing |

SRK Consulting
P.O. Box 21842
Port Elizabeth
6000

Attention: Ms. W. Marais

SEAVIEW LOW INCOME HOUSING DEVELOPMENT, NELSON MANDELA BAY MUNICIPALITY (NMBM), PORT ELIZABETH

After the evaluation of the Draft Scoping Report (hereafter referred to as a 'report'), in principle, this department has no objections to the development of the proposed activities, provided that the following requirements will be complied with:

In terms of Chapter 4 of the National Water Act, 1998 (Act No. 36 of 1998) (the Act), a water use authorisation is required for any activity taking place within the regulated area i.e.:

- Within the 1:100 year floodline or the delineated riparian habitat; whichever is the greatest.
- Within 500m radius from the boundary of a wetland.

The report states that there is a possibility of wetlands present and/or close to the development areas and activities such as contaminated run-off, waster water from construction activities, sedimentation etc may lead to pollution of these water bodies.

The following development activities may trigger a water use authorisation in terms of Section 21 (c) & (i) of the Act, if within the regulated area, as described above:

- Upgrade of existing bulk water services;
- Installation of new sanitation services;
- Installation of 22 kV underground cabling;
- Construction of a 12 m road reserve to connect the development with Aliwal Road;
- Any other associated infrastructure or structures that forms part of the development.

Section 6.3.5 (page 62) of the report states that any riparian and wetland areas within 500 m of any of the development areas will be identified and delineated and wetlands identified will be assessed and recommendations for mitigation of potential damage will be provided.

Please note that the following information should be submitted as part of the water use application should any of the proposed activities trigger Section 21 (c) & (i) water uses:

- Licence application forms in terms of Section 21 (c) & (i) water use for the activities within the regulated area.
- Section 21 (c) and (i) water use supplementary information questionnaire.
- Legible 1:50 000 map showing the project location in relation to the watercourse/s and/or wetland/s.
- A Master layout plan: A3 showing the locality of all the activities associated with this project.
- Wetland delineation assessment with 500m radius mapped around all wetlands, if there is any wetland in the project area.
- Impact/Risk Assessment of the S21 (c) & (i) water use activities on the watercourses with specific reference to the following characteristics:
 - Flow regime
 - Water quality
 - Riparian habitat (extend of clearing and disturbance)
 - Biota
- Description of wetland functions, Present Ecological State (PES), and Ecological Importance and Sensitivity (EIS), if there is any wetland present.
- Final Environmental Impact Assessment Report
- Environmental Management Programme which includes mitigation measures, rehabilitation plan (watercourses, rivers, wetlands and drainage lines) and monitoring programme for all the affected watercourses.
- Stormwater, Erosion and Sediment Management Plan.
- Crossing structure design with alternatives and must be completely labeled.
- Detailed Method Statement for the construction activities; and
- Geohydrological Study

The expected impact(s) caused by the existing and proposed septic tank French drain system for sanitation purposes at the development will be cumulative and long term on both the surface and groundwater. The soil percolation assessment / geotechnical report must be developed to provide the actual and accurate impacts caused by such sewer infrastructure on the water resource. It is expected that chances of pollution specifically groundwater and eventually surface water resources) will be higher as a result of the additional septic tank supported by the French drain system to be utilized. The Department is therefore **NOT** supporting the proposed sanitation system of a septic tank, leaching into the ground, but rather the other alternative (of a package plant system) to be considered for sanitation purposes on site;

All details of sewer infrastructure such as sewer lines, sewer manholes and connections as well as any sewer pump station(s) must be made properly investigated & assessed to assist in the decision on the type of sewer infrastructure suitable for this development;

Any oil or grease (including any petroleum products) spillage on site, must be properly managed to prevent any contamination of the water resource. An emergency response protocol must be developed to ensure that such spillages are immediately attended to and

**SEAVIEW LOW INCOME HOUSING DEVELOPMENT, NELSON MANDELA BAY MUNICIPALITY (NMBM),
PORT ELIZABETH**

that the contaminated site be properly rehabilitated and that protocol as indicated in Section 19 of the National Water Act, 1998 (Act 36 of 1998) is observed;

Integrated waste management for the proposed development must be dealt with in accordance with the National Environmental Management: Waste Act, 2008 (Act 59 of 2008) - as the proposed housing development will generate waste, both during and post construction

Please note that any use of water without an authorization is a contravention as in accordance with Section 151 of the National Water Act, 1998 (Act 36 of 1998).

Please do not hesitate to contact this office should you have any enquiries.

Yours Faithfully


ACTING GEO - TSITSIKAMMA TO MZIMVUBU PROTO CMA

Date: 29 JUNE 2016