



APPENDIX E: COMMENTS AND RESPONSES REPORT

APPENDIX E-1: COPY OF DETAILS FOR THE SITE NOTICE & NEWSPAPER ADVERTISEMENT

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

PROPOSED COEGA KOP WELLFIELD

Notice is hereby given that the **Nelson Mandela Bay Municipality (NMBM)** will be applying for an Environmental Authorisation for the **Proposed Coega Kop Wellfield**, in terms of the Environmental Impact Assessment Regulations, 2014, published in Government Notice R.982 of 4 December 2014. This application will be done in terms of activities listed in Government Notice Regulation (GNR) 983 and 985 of 2014, published in terms of Section 24(5) of the National Environmental Management Act, 1998 (Act No 107 of 1998) as amended. The proposed activities require that a Basic Assessment be submitted to the Eastern Cape Provincial Department of Economic Development, Environmental Affairs and Tourism (DEDEAT). The NMBM will also apply for a General Authorisation/Water Use Licence for water uses under Section 21, in terms of the National Water Act, 1998 (Act No. 36 of 1998).

Proposed Activity:

The proposed Coega Kop Wellfield entails developing a borehole wellfield in order to supply potable water within Port Elizabeth, and includes a Water Treatment Works (WTW) and associated pipelines. The purpose of the Coega Kop Wellfield is to supply the municipality with groundwater extracted from the Groot Winterhoek to the Coega Ridge Table Mountain Group Aquifer.

Locality:

The proposed Coega Kop Wellfield will be located on Erf 1 of Wells Estate in Ward 53, Port Elizabeth, Nelson Mandela Bay Municipality, Eastern Cape Province. The wellfield will be situated on municipal property next to Coega Kop, in close proximity to the Coega Kop Mine in the Coega / Motherwell area. The WTW will be located at 33°46'21.13"S and 25°36'36.79"E (central point), and pipelines will cross a number of properties.

Environmental Consultant:

CEN Integrated Environmental Management Unit – Dr Mike Cohen / Lucille Behrens
36 River Road, Walmer, Port Elizabeth, 6070
Telephone: (041) 581 2983 / Fax: 086 504 2549
E-mail: steenbok@aerosat.co.za / lucille@environmentcen.co.za

Registration of Interested and Affected Parties

Interested and Affected Parties are invited to participate in the process by registering and submitting detailed written comment on the proposed development within 30 days of this notice (i.e. by 9 June 2016) to the contact details above.

Date of notice: 10 May 2016

"Innovation for Sustainable Development"

¹ Floor Room 274 • Beacon Hill • Hockley Close • Kind William's Town • 5600 | Private Bag X0054 • 5605 • Republic of South Africa
Tel: 043 605 7099 • Fax: 043 605 7300 | Email: • Web: www.dedeat.gov.za

VERSION 1 dated 8 December 2014

APPENDIX E-2: COPY OF PRE-APPLICATION NOTICES

COPY OF BACKGROUND INFORMATION DOCUMENT

<p>1. THE PROPOSED PROJECT</p> <p>1.1. Proposed Project Description</p> <p>The proposed Coega Kop Wellfield entails developing a borehole wellfield in order to supply potable water within Port Elizabeth, and includes a Water Treatment Works (WTW) and associated pipelines.</p> <p>The purpose of the Coega Kop Wellfield is to supply the municipality with groundwater extracted from the Groot Winterhoek to the Coega Ridge Table Mountain Group Aquifer.</p> <p>The wellfield includes the following:</p> <ol style="list-style-type: none"> Six production boreholes with head works and pump chambers. A water treatment works (0.8ha) to treat the groundwater for high concentrations of iron and manganese. A 450m³ reservoir next to the WTW with a small booster pump station (7M³/day) next to the reservoir. Four sludge lagoons are proposed as part of the WTW. Pumping mains from the production boreholes to the reservoir. A pipe between the WTW and the Coega Kop Reservoir. A blending pipeline between the reservoir and the Nootgedacht Low Level Scheme. The WTW will have a capacity of 20M³/day. It can be expected that the pipe diameters for the wellfield will vary between 250mm and 450mm. The total length of pipelines for the wellfield is estimated at 6800m. A discharge pipeline from the western boreholes and WTW to a non-perennial drainage line of the Coega River. <p>1.2. Locality</p> <p>The proposed Coega Kop Wellfield will be located on Erf 1 of Wells Estate in Ward 53, Port Elizabeth, Nelson Mandela Bay Municipality, Eastern Cape Province.</p> <p>The wellfield will be situated on municipal property next to Coega Kop, in close proximity to the Coega Kop Mine in the Coega / Motherwell area.</p> <p>The WTW will be located at 33°46'21.13"S and 25°36'36.79"E (central point), and pipelines will cross a number of properties.</p> <p>Refer to Figure 1: Locality Map.</p>	<p style="text-align: center;">BACKGROUND INFORMATION DOCUMENT</p> <p style="text-align: center;">BASIC ASSESSMENT PROCESS: PROPOSED COEGA KOP WELLFIELD ON ERF 1, WELLS ESTATE, NELSON MANDELA BAY MUNICIPALITY, EASTERN CAPE</p> <p style="text-align: center;">10 MAY 2016</p> <p>PURPOSE OF THE BACKGROUND INFORMATION DOCUMENT</p> <p>The purpose of this Background Information Document (BID) is to provide stakeholders with additional information, the opportunity to register as Interested and Affected Parties in the environmental assessment process and to obtain their initial comments on the Proposed Coega Kop Wellfield on Erf 1, Wells Estate in Ward 53, Port Elizabeth, Nelson Mandela Bay Municipality, Eastern Cape Province.</p> <p>The Nelson Mandela Bay Municipality (NMBM) will be applying for an Environmental Authorisation (EA) from the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT) for the Proposed Coega Kop Wellfield. The activity(s) require a Basic Assessment process to be undertaken in terms of Government Notice Regulations (GNR) No. 982, 983 and 985 of the Environmental Impact Assessment (EIA) Regulations of 2014 published in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended (NEMA). The application will also involve waste management activities listed in GNR 921 of 2013, published in terms of the National Environmental Management, Waste Act (Act 59 of 2008).</p> <p>The NMBM will also apply for a General Authorisation/Water Use Licence for water uses under Section 21, in terms of the National Water Act, 1998 (Act No. 36 of 1998).</p> <p>The purpose of the environmental assessment is to identify potential impacts associated with the Proposed Coega Kop Wellfield and to recommend measures to avoid or reduce adverse impacts and enhance beneficial or positive impacts.</p> <p>If you would like to participate in the process please register yourself and/or your organization as an Interested and Affected Party. Submit issues that you feel need to be addressed in the assessment by completing the response form or in a letter or by email to:</p> <p style="text-align: center;">CEN IEM Unit Dr Mike Cohen / Lucille Behrens Post: 36 River Road, Walmer, Port Elizabeth, 6070 Fax: 086 504 2549 Email: steenbok@aerostat.co.za / lucille@environmentcen.co.za</p> <p style="text-align: center;">REGISTRATION AS AN INTERESTED AND AFFECTED PARTY AND ALL COMMENTS MUST BE SUBMITTED WITHIN 30 DAYS OF THE DATE OF THIS NOTICE.</p> <p style="text-align: center;">DATE OF NOTICE – 10 MAY 2016 CLOSING DATE FOR REGISTRATION – 9 JUNE 2016</p> <p style="text-align: center;">CEN Integrated Environmental Management Unit 36 River Road Walmer, Port Elizabeth 6070 Telephone: 041 581-2983 / Fax: 086 504 2549 E-mail: steenbok@aerostat.co.za</p>
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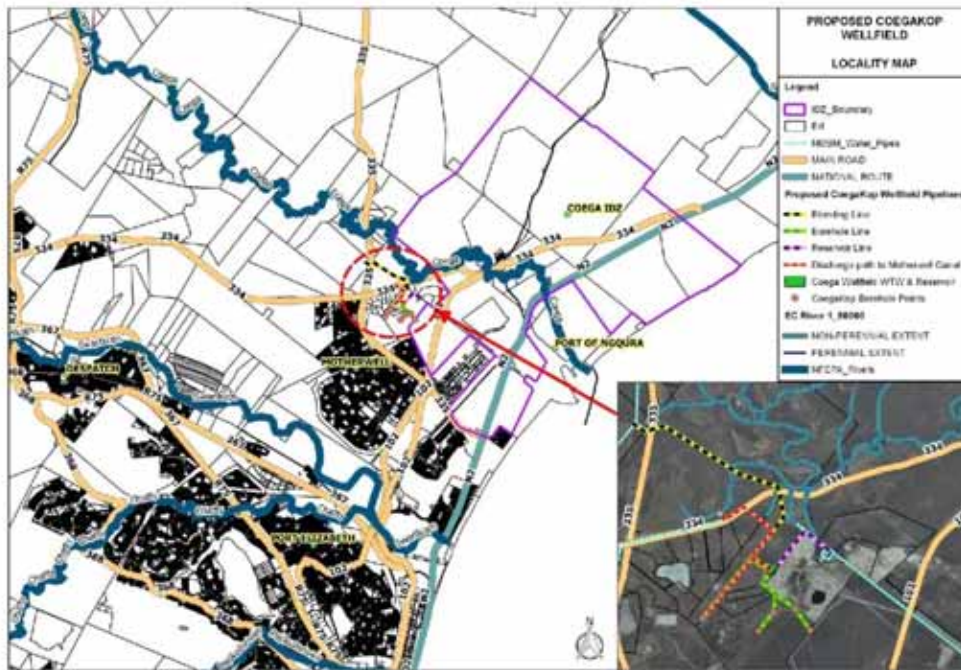


Figure 1: Locality Map

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2. ENVIRONMENTAL ASSESSMENT PROCESS

2.1. National Environmental Management Act and EIA Regulations (2014)

The Minister of Environmental Affairs has in terms of Sections 24 and 24D of the National Environmental Management Act (Act No. 107 of 1998, NEMA), as amended, listed the activities that require an environmental assessment.

The following activities are subject to a Basic Assessment process in terms of the Environmental Impact Assessment (EIA) Regulations, 2010, made under Section 24(5) of NEMA and published in Government Notice R.983, 984 and 985 of 4 December 2014, as amended. The competent authority is the Eastern Cape Provincial Department of Economic Development, Environmental Affairs and Tourism (DEDEAT).

Listed Activity	Description
<p>GNR 983 – Listing Notice 1 Activity 9: The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water—</p> <p>(i) with an internal diameter of 0.36 metres or more, or</p> <p>(ii) with a peak throughput of 120 litres per second or more, excluding where—</p> <p>(a) such infrastructure is for bulk transportation of water or storm water or storm water drainage inside a road reserve; or</p> <p>(b) where such development will occur within an urban area.</p>	<p>The total length of pipelines for the proposed wellfield is estimated at 6800m. The pipeline diameters for the wellfield will vary between 250mm and 450mm.</p>
<p>GNR 983 – Listing Notice 1 Activity 12: The development of –</p> <p>(xii) infrastructure or structures with a physical footprint of 100 square metres or more, where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; — excluding—</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such development occurs within an urban area, or</p> <p>(ee) where such development occurs within existing roads or road reserves.</p>	<p>The proposed blending pipeline will cross two non-perennial drainage lines, and the proposed discharge pipeline will discharge excess water into a non-perennial drainage line.</p>
<p>GNR 983 – Listing Notice 1 Activity 14: The development of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic metres.</p>	<p>“Dangerous goods” that are likely to be associated with the proposed project, include the following: Fuel stores for construction purposes; Goods used for the operation of the WTW (including Chlorine).</p>

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Listed Activity	Description
<p>GNR 983 – Listing Notice 1 Activity 19:</p> <p>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, shells, shell grit, pebbles or rock of more than 5 cubic metres from—</p> <p>(i) a watercourse;</p> <p>but excluding where such infilling, depositing, dredging, excavation, removal or moving—</p> <p>(b) is for maintenance purposes undertaken in accordance with a maintenance management plan; or</p> <p>(c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.</p>	<p>The proposed blending pipeline will cross two non-perennial drainage lines, and the proposed discharge pipeline will discharge excess water into a non-perennial drainage line.</p>
<p>GNR 983 – Listing Notice 1 Activity 27:</p> <p>The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—</p> <p>(i) the undertaking of a linear activity; or</p> <p>(ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>	<p>Approximately 1 hectare of vegetation will be cleared for the WTW, reservoir and booster pump station, as well as production boreholes with head works and pump chambers.</p>
<p>GNR 985 – Listing Notice 3 Activity 2:</p> <p>The development of reservoirs for bulk water supply with a capacity of more than 250 cubic metres.</p> <p>(b) In Eastern Cape, iii. Outside urban areas, in systematic biodiversity areas as identified in competent authority or in bioregional plans;</p> <p>(ff) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA, or from the core area of a biosphere reserve.</p>	<p>A 450m³ reservoir is proposed next to the WTW. The proposed Coega Kop Wellfield is located outside an urban area, within an Aquatic Critical Biodiversity Area (CBA2) of the Eastern Cape Biodiversity Conservation Plan (ECBCP) and located within 10km of the Addo Elephant National Park.</p>
<p>GNR 985 – Listing Notice 3 Activity 4:</p> <p>The development of a road wider than 4 metres with a reserve less than 13.5 metres.</p> <p>(b) In Eastern Cape, iii. Outside urban areas, in systematic biodiversity areas as identified in competent authority or in bioregional plans;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA, or from the core area of a biosphere reserve.</p>	<p>The construction of access roads to the proposed WTW, reservoir, production boreholes and pipelines.</p> <p>The proposed Coega Kop Wellfield is located outside an urban area, within an Aquatic Critical Biodiversity Area (CBA2) of the Eastern Cape Biodiversity Conservation Plan (ECBCP) and located within 10km of the Addo Elephant National Park, and within 5km of the Swartkops Valley Nature Reserve.</p>

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Listed Activity	Description
<p>GNR 985 – Listing Notice 3 Activity 14:</p> <p>The development of—</p> <p>(xii) infrastructure or structures with a physical footprint of 10 square metres or more where such development occurs—</p> <p>(a) within a watercourse;</p> <p>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>(c) In Eastern Cape, ii. Outside urban areas, in systematic biodiversity areas as identified in competent authority or in bioregional plans;</p> <p>(hh) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA, or from the core area of a biosphere reserve.</p>	<p>The proposed blending pipeline will cross two non-perennial drainage lines, and the proposed discharge pipeline will discharge excess water into a non-perennial drainage line.</p> <p>The proposed Coega Kop Wellfield is located outside an urban area, within an Aquatic Critical Biodiversity Area (CBA2) of the Eastern Cape Biodiversity Conservation Plan (ECBCP) and located within 10km of the Addo Elephant National Park, and within 5km of the Swartkops Valley Nature Reserve.</p>
<p>2.2. National Water Act</p> <p>The National Water Act, 1998 (Act No. 36 of 1998) [NWA] aims to regulate the use of water and activities, which may impact on water resources through the categorisation of 'listed water uses'. Such activities require authorisation by the Department of Water and Sanitation (DWS) before such an activity may take place.</p> <p>Activities for the water uses associated with the proposed project, include the following:</p>	
<p>Activity</p> <p>Section 21 (c) Impeding or diverting the flow of water in a watercourse</p>	<p>The proposed blending pipeline will cross two non-perennial drainage lines, and the proposed discharge pipeline will discharge excess water into a non-perennial drainage line.</p>
<p>Section 21 (f) Altering the bed, banks, course or characteristics of a watercourse</p>	<p>The proposed blending pipeline will cross two non-perennial drainage lines, and the proposed discharge pipeline will discharge excess water into a non-perennial drainage line.</p>
<p>2.3. National Environmental Management: Waste Act</p> <p>The proposed WTW includes activities listed in Category A of Government Notice (GN) 921 of 29 November 2013, published in terms of Section 19(1) of the National Environmental Management: Waste Act (Act No. 59 of 2008). These activities relate to waste management activities that may have a detrimental effect on the environment and for which authorisation is required in the form of a Waste Management Licence. The competent authority is the Eastern Cape Provincial Department of Economic Development, Environmental Affairs and Tourism (DEDEAT).</p>	

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The relevant waste management activities include the following, and are subject to a **Basic Assessment process**:

Activity	Description
Category A: 3(1) The storage of general waste in lagoons.	It is proposed that four sludge lagoons are provided. Once the lagoon is sufficiently full the lagoon should be retired in order that the sludge can dry. After 6-9 months, once the sludge is sufficiently dry it should be taken to landfill.
Category A: 3(12) The construction of a facility for a waste management activity listed in Category A of this Schedule (not in isolation to associated waste management activity).	Construction of the sludge lagoons.

2.4. Basic Assessment Process

The Basic Assessment Process identifies and assesses potential impacts, then provides mitigation measures to reduce the anticipated negative impacts. Appropriate public participation process is undertaken as part of this process. The Basic Assessment ends with recommendations for authorisation and under what conditions.

2.5. Some Identified Issues / Impacts

As we progress with the environmental investigations we will identify potentially beneficial and adverse impacts. All identified issues will be subjected to an assessment to determine if they are significant and if they require additional investigation. Possible mitigation measures will also be provided to reduce the anticipated adverse impacts. Based on our preliminary investigations we have identified the following issues:

- Ecological biodiversity impacts
- Aquatic biodiversity impacts
- Pollution impacts: noise, air, soil, surface and groundwater
- Socio-economic impacts
- Service delivery impacts

2.6. Description of Tasks within the Basic Assessment Process

- Public participation starts announcing the proposed project, and registration of interested and Affected Parties (I&APs). Newspaper advertisements and site notices are placed, and notifications are also sent to identified stakeholders. – We are here in the process.
- An application for an Integrated Environmental Authorisation and Waste Management Licence will be submitted to the competent authority, namely the DEDEAT for this project.
- A Basic Assessment Report is compiled that considers inputs from stakeholders, I&APs and specialists, in terms of:
 - potential impacts of the activity on the environment;
 - whether the impacts can be mitigated, and if so to what extent; and,

- whether there are any other significant issues / impacts to be investigated.
- Once the Basic Assessment Report is compiled, it is then submitted for a 30 day review period to registered I&APs and stakeholders. This enables you to comment on the Draft Basic Assessment Report and accompanying Draft Environmental Management Programme.
- Your comments are incorporated and the reports are then finalised.
- These final reports are submitted to the DEDEAT for consideration.
- The DEDEAT reviews the documents and decides whether the project can proceed or not, their decision is known as an Environmental Authorisation (EA).
- A copy of the EA is made available to you to consider, along with the reasons for the decision made. If you disagree with the decision, you are provided with information on how to lodge an appeal.

3. HOW DO YOU PARTICIPATE

Every proposed project and/or development has the potential to significantly affect the natural and social environments, both at, as well as surrounding the proposed development site. While some of the impacts will have an adverse impact on the environment others will have a beneficial impact.

For this reason it is imperative that you as an Interested and/or Affected Party (I&AP) register, comment on the proposed development, and raise issues or concerns that you feel needs to be considered during the proposed planning and implementation process.

This can be done by completing the attached registration form and submitting it to the contact details as reflected.

Upon submission of the registration form to CEN IEM Unit, you will be registered as an I&AP and be included on an I&APs database which will ensure that you receive future project information and notifications regarding reports available for public comment.

If you intend to register as an I&AP or forward comments regarding the proposed development, please submit your completed registration form to CEN IEM Unit by 9 June 2016.

Lucille Behrens

From: Lucille Behrens <Lucille@environment.gov.za>
Sent: 11 May 2016 02:15 PM
To: 'lebo.nu@afange.com'; 'info@nuway.co.za'; 'henriev@discovery.co.za'; 'lewellind@discovery.co.za'; 'michelle2@discovery.co.za'
Cc: Mike Cohen
Subject: Notification: Basic Assessment for the Proposed Coega Kop Wellfield
Attachments: 1. BID_CoegaKop Wellfield.pdf

Dear Stakeholder / Interested and Affected Party

Pre-Application Notification: Proposed Coega Kop Wellfield on Erf 1, Wells Estate in Ward 53, Port Elizabeth, Nelson Mandela Bay Municipality.

Please find attached a copy of the Background Information Document (BID) that briefly explains the environmental assessment process underway for the Proposed Coega Kop Wellfield on Erf 1, Wells Estate in Ward 53, Port Elizabeth, Nelson Mandela Bay Municipality.

The Nelson Mandela Bay Municipality (NMBM) will be applying for an Environmental Authorisation (EA) from the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT) for the Proposed Coega Kop Wellfield. The activity(s) require a Basic Assessment process to be undertaken in terms of Government Notice Regulations (GNR) No. 982, 983 and 985 of the Environmental Impact Assessment (EIA) Regulations of 2014 published in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended (NEMA). The application will also involve waste management activities listed in GNR 921 of 2013, published in terms of the National Environmental Management: Waste Act (Act 59 of 2008). The NMBM will also apply for a General Authorisation/Water Use Licence for water uses under Section 21, in terms of the National Water Act, 1998 (Act No. 36 of 1998).

Please send your comments to the details listed in the attached BID within 30 days of this notice (excluding public holidays), i.e. by 9 June 2016.

We look forward to your participation in the environmental process.

Kind regards
Lucille Behrens



Lucille Behrens
Senior Environmental Specialist
Address: 36 River Road, Waterfall, Port Elizabeth, 6075, South Africa
Tel: +27 (0)42 561 2993
Fax: 086 564 2549
Cell: +27 (0)82 922 5445
Email: lucille@environment.gov.za

Lucille Behrens

From: Lucille Behrens <Lucille@environment.gov.za>
Sent: 10 May 2016 07:48 AM
To: Andries Struwig (Ar.dries.Struwig@edoba.gov.za); Daylan Goverder (Daylan.Goverder@edoba.gov.za); anne.tz@nda.agric.za; Jil Miller; Wuyokazi Bazi (wazi@mandelametro.gov.za); 'micosara@mandelametro.gov.za'; 'yagiflo@mandelametro.gov.za'; 'Dwigeno@mandelametro.gov.za'; 'Ayordan@mandelametro.gov.za'; 'asoyama@mandelametro.gov.za'; 'blamou@mandelametro.gov.za'; 'Melinda.Lubiscagne (melindalubiscagne@mandelametro.gov.za); 'Edzard Verspoort; 'Nkoyoyi Thabo (NkoyoyiThabo@daff.gov.za); 'Bicem Marisa (BicemM@dws.gov.za); 'Jacob@dm.gov.za'; 'Randall.moore@dpo.wcape.gov.za'; 'emohanyale@cptra.org.za'
Cc: Mike Cohen
Subject: Notification: Basic Assessment for the Proposed Coega Kop Wellfield
Attachments: 1. BID_CoegaKop Wellfield.pdf

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Please send your comments to the details listed in the attached BID within 30 days of this notice (excluding public holidays), i.e. by 9 June 2016.

We look forward to your participation in the environmental process.

Kind regards
Lucille Behrens



Lucille Behrens
Senior Environmental Specialist
Address: 36 River Road, Waterfall, Port Elizabeth, 6075, South Africa
Tel: +27 (0)42 561 2993
Fax: 086 564 2549
Cell: +27 (0)82 922 5445
Email: lucille@environment.gov.za

Lucille Behrens

From: Lucille Behrens <lucille@environment.co.za>
Sent: 12 May 2016 09:15 AM
To: Thandwa.Mohoyeka@transnet.net
Subject: Notification: Basic Assessment for the Proposed Coega Kop Wellfield
Attachments: 1. BID_CoegaKop Wellfield.pdf

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Please send your comments to the details listed in the attached BID within 30 days of this notice (excluding public holidays), i.e. by 9 June 2016.

We look forward to your participation in the environmental process.

Kind regards
Lucille Behrens



Working for a Safer South Africa (Promoting, Reducing, and Preventing Terrorism)

Lucille Behrens
Senior Environmental Specialist
Address: 26 Blair Road, Welton, Port Elizabeth, 6075, South Africa
Tel: +27 (0)41 961 2983
Fax: 086 504 2988
Cell: +27 (0)83 532 3448
Email: lucille@environment.co.za

PROOF OF POSTAGE - PROPOSED COEGA KOP WELLFIELD

GR SCRIBANTE	P O BOX 12050, MOFFAT PLACE, 6002
EA PUGGIA	2041 ASCOT ROAD, GREENACRES, 6045
COEGA RIDGE - LK SERFONTEIN	P O BOX 650, RANDBURG, 2125
LAFARGE MINING SA	PRIVATE BAG X26, GALLO MANOR, GAUTENG, 2052



APPENDIX E-3: AUTHORITY, STAKEHOLDER AND I&AP DATABASE

ORGANS OF STATE / AUTHORITIES

Name	Organization	E-mail	Other Contact Details:
A. Struwig	DEDEAT	Andries.Struwig@dedea.gov.za	Tel: 041 508 5800
D. Govender	DEDEAT	Dayalan.Govender@dedea.gov.za	Fax: 041 508 5865 Private Bag X5001, Greenacres, 6057
A. Collet	Department of Agriculture	annelizac@nda.agric.za	Tel: 012 319 7508
J. Miller	NMBM Public Health	jmiller@mandelametro.gov.za	Tel: 041 506 5464
V Bazi		vbazi@mandelametro.gov.za	Fax: 041 585 7261
J. Mkosana		jmkosana@mandelametro.gov.za	Nelson Mandela Bay Municipality (NMBM)
M. Labuscagne		mlabuscagne@mandelametro.gov.za	Port Elizabeth, 6000
B. Martin	NMBM Infrastructure & Engineering	asnyman@mandelametro.gov.za	Tel: 041 506 5435
Y. Gaffore		ygaffore@mandelametro.gov.za	Fax: 041 506 3158 / 041 506 2180
E Verseput		everseput@mandelametro.gov.za	NMBM, Port Elizabeth, 6000
D. Welgemoed	NMBM Human Settlements	Dwelgemo@mandelametro.gov.za	Tel: 041 506 2127 Fax: 041 506 2177
A Jordan	NMBM Human Settlements	Ajordan@mandelametro.gov.za	NMBM, Port Elizabeth, 6000
B. Lamour	NMBM Electricity	blamour@mandelametro.gov.za	Tel: 041 392 4218 Fax: 041-392 4120 NMBM, Port Elizabeth, 6000
T. Nokoyo	DAFF	NokoyoD@daff.gov.za	Tel: 041 484 2725 Fax: 041 484 2785 Private Bag X 3917 North End, 6056
M. Bloem	DWS	BloemM@dwa.gov.za	Tel: 041 501 0717
J. Jacobs	DWS	JJacobs@dwa.gov.za	Fax: 086 537 4689 Private Bag X6041 Port Elizabeth 6000
R. Moore	Eastern Cape Department of Roads and Public Works	Randall.moore@dpw.ecape.gov.za	Tel: 041 403 6029 Fax: 041 456 1666 PO Box 11100, Algoa Park, 6005
S. Mokhanya	ECPHRA	smokhanya@ecphra.org.za / info@ecphra.org.za	Tel: 043 642 2811 Fax: 043 745 0889 P.O. Box 16208 Amathole Valley, 5616

STAKEHOLDERS AND REGISTERED INTERESTED AND AFFECTED PARTIES

Name	Organization
Other Stakeholders	
M. Griffiths	WESSA
S. Matthews	Agri Eastern Cape
M. Sitole & X Wana	Eskom
L. Shaw & J Sithole	Telkom
Ward Councillors	
Cllr D Lennard	Ward 53
Landowner / Applicant	
W. Shaidi	NMBM Executive Director Infrastructure and Engineering
Project Team	
K Smit	Aurecon
M Cohen	CEN IEM Unit
Registered I&APs	
A Shirley	Coega Development Corporation
W Zietzman	Transnet
A Timm	Glendore Sand & Stone
G Eales	Glendore Sand & Stone
P Niven	Private / Glendore Sand & Stone
P Martin	Coega / Port of Ngqura ECO

APPENDIX E-4: COMMENT AND RESPONSE REPORT

No	ISSUE/COMMENT	RAISED BY	RESPONSE
1.	Please register Mr Gavin Eales as an Interested and Affected Party. Please reply once he is registered.	A. Timm Email 10/05/2016	Mr Gavin Eales and Ms Angelique Timm have been registered as Interested and Affected Parties, confirmed on 10/05/2016.
2.	Please register me as an Interested and Affected Party (I&AP).	A. Shirley Email 10/05/2016	Ms Andrea Shirley has been registered as an Interested and Affected Party, confirmed on 10/05/2016.
3.	I will let you know should we have objections etc. I would like to see the EIA and the EMP etc when available.	G. Eales Email 12/05/2016	No objections or comments have been received from Mr G Eales. Mr G Eales was notified of the Draft Basic Assessment Report and Environmental Management Programme available for public review from 27 February to 30 March 2017.
4.	Request to see a larger plan of the wellfield.	W Zietzman Telephone 12/05/2016	A draft layout plan is provided in the Draft Basic Assessment Report, and will be made available to Mr Zietzman.
5.	Please register me as an I&AP. I failed to see the advert for I&APs to register. Where was it advertised? I have not seen any adverts displayed in the vicinity of the site or on the electronic noticeboard in CDC HQ (I obtained the BID from a 3 rd party).	P Martin Email 01/06/2016	Mr Paul Martin has been registered as an Interested and Affected Party, confirmed on 02/06/2016. The pre-application notice was advertised in The Herald and Die Burger on 6 May 2016. The site notice was placed at the nearest access road to the proposed site, as the property boundary is not visible from any road. The electronic noticeboard for the Coega Development Corporation was not utilised as the Applicant is not the CDC. The CDC was included in the distribution of the initial notifications.

No	ISSUE/COMMENT	RAISED BY	RESPONSE
6.	<p>Potable water losses by NMBM are in the order of 40% due primarily to inadequate maintenance, with lack of finance often the excuse. Surely the money would be better spent on fixing water leaks and only once this is under control should the development of new water resources be considered. This should be one of the "Alternatives" considered in the Basic Assessment</p>	<p>P Martin Email 01/06/2016</p>	<p>The alternative of focusing only on maintenance, i.e. fixing water leaks and degraded infrastructure, would in itself not alleviate the water shortages that are experienced due to recurring and persistent drought conditions. Additional water sources are required to supplement the NMBM's water distribution in order to meet future growth needs. Furthermore, the NMBM's Water Master Plan and Water Conservation Demand Management programme includes the maintenance of existing infrastructure. Both this programme and the development of the Coega Kop Wellfield forms part of the NMBM's Master Plan to provide for the water demands of the NMBM. The Coega Kop Wellfield will therefore play a role in both an emergency capacity as well as in a regular (normal) water supply capacity.</p>
7.	<p>Presumably this water is being extracted from the "Coega Fault" – my understanding is that DWS regards this as a strategic groundwater resource and restricts the extraction of this water. What is the recharge capacity of this resource?</p> <p>How are we sure that extraction from the resource will be sustainable and that we are not "mining a non-renewable resource".</p> <p>What will be the impact of a draw down of the groundwater resource (on existing users – e.g. Amanzi; and on the natural environment – does this water surface naturally anywhere - e.g. urban legend has it that this water wells up from the seabed offshore).</p>	<p>P Martin Email 01/06/2016</p>	<p>The purpose of the proposed well field at Coega Kop is to utilize the groundwater available in the Groot Winterhoek – Coega Ridge Table Mountain Group Aquifer. This aquifer is a fractured-rock aquifer which primarily consists of Peninsula Formation of the Table Mountain Group (TMG). The geological structure of the aquifer is dominated by the Coega Fault System, a collection of semi-parallel faults of varying lengths and offsets, which runs along the entire length of the aquifer. Water from the aquifer gets trapped and travels along fractures in the fault system and is under high pressure in the eastern reach of the fault. The location of the well field near Coega Kop is ideal because the TMG outcrops at Coega Kop. An application for the taking of water from a water resource (Section 21(a)) was submitted to the Department of Water and Sanitation in 2013, with additional information provided in 2016, by Groundwater Africa on behalf of the NMBM. All the probe boreholes were test pumped in 2014 and 2015. By abstracting water at a certain rate and monitoring the level of the water in the boreholes the recharge in the boreholes and</p>

No	ISSUE/COMMENT	RAISED BY	RESPONSE
			<p>the sustainable yield can be determined. The proposed rate of abstracting groundwater would not be “mining” the aquifer. The process of establishing the long term yield and recharge rate is still ongoing. The wellfield will be closely monitored during its operation. The Uitenhage Springs (used for municipal bulk supply) is a natural discharge point for groundwater from the Groot-Winterhoe – Coega Ridge TMG Aquifer. A number of boreholes are located between Coega Kop and Uitenhage, however not all of these boreholes are operational. The hydrocensus conducted by Groundwater Africa (2016) identified existing uses of groundwater to be at approximately 8 litres per second, and indicated that the aquifer was underutilized.</p>
8.	<p>Section 2.2 of the BID does not state what licence is required from DWS for the extraction of groundwater – what is the current legislation wrt the extraction of groundwater?</p>	<p>P Martin Email 01/06/2016</p>	<p>A Water Use Licence for the abstraction of water (section 21 (a) water use activity) is required in terms of the National Water Act.</p> <p>The application for the taking of water from a water resource (Section 21(a)) was submitted to the Department of Water and Sanitation in 2013, with additional information provided in 2016, by Groundwater Africa on behalf of the NIMBM. Section 21 (c) and (i) activities are also applicable as the borehole and potable water pipelines traverse watercourses, and the WTW and associated infrastructure are located within the 500m regulated area of wetlands.</p>
9.	<p>How does the water quality of the groundwater compare to that from other sources (e.g. Sundays River and Churchill Dam schemes)? Does it require a lot less (and therefore cheaper) treatment? Is an alternative to treat it to Class 4 Industrial Water or is the main demand for potable water?</p>	<p>P Martin Email 01/06/2016</p>	<p>Preliminary water quality tests on the probe boreholes have shown that the groundwater is of generally good quality, however the iron (Fe) and manganese (Mn) concentrations are too high and exceed the SANS 241:2011 limits for potable water. The water is therefore not suitable for potable and industrial purposes without treatment. The purpose of the Coega Kop Wellfield is to supply the Coega IDZ and Colchester with groundwater extracted from the Groot</p>

No	ISSUE/COMMENT	RAISED BY	RESPONSE
			<p>Winterhoek to the Coega Ridge Table Mountain Group Aquifer. The groundwater requires a different type of treatment which may be less expensive than conventional treatment.</p> <p>The purpose of the proposed Coega Kop Wellfield is to supply potable water to the Coega Industrial Development Zone (IDZ) and Colchester within the Nelson Mandela Bay Municipality. The development of the Coega Kop Wellfield forms part of the NIMBM's Master Plan to provide for the water demands of the NIMBM.</p>
10.	<p>Is the water in the adjacent Transnet Quarry linked to this resource? If Transnet want to remove the water from their quarry would it be feasible to re-cycle the water through the proposed Water Treatment Works?</p>	<p>P Martin Email 01/06/2016</p>	<p>It is highly unlikely that the water in the Transnet Quarry is connected to the aquifer. The aquifer is largely artesian with pressures up to 6 bar and the water in the quarry does not show the same pressure. The water in the quarry would not be able to be re-cycled through the water treatment works as the water treatment process revolves around treating elevated concentrations of Iron and Manganese. Treatment of the water in the quarry will need a different treatment process</p>
11.	<p>How big (surface area & volume) will the sludge lagoons be? Presumably they will be used in rotation and once the dry sludge has been removed they can be re-used (not retired as stated in the BID?).</p>	<p>P Martin Email 01/06/2016</p>	<p>The residue from the WTW (mostly inerts, iron oxide and manganese dioxide) will be emptied and stockpiled onsite in the evaporation lagoons until there is adequate volume for removal (either for reuse, for application to land, or for discharge to landfill). The total extent of evaporation lagoons would be approximately 1800m².</p> <p>The lagoons will be re-used once the solids have been removed, i.e. in rotation.</p>
12.	<p>What volume of sludge is expected per annum and will it contain any hazardous materials (can it be disposed of as "general waste"?). Presumably the sludge is from impurities in the ground water. Will there be any odours associated with the sludge</p>	<p>P Martin Email 01/06/2016</p>	<p>It is expected that over the course of a year, the WTW will produce approximately 100 – 200 tonnes of dry solids for removal. The solids / sludge / residue would not be hazardous in nature.</p> <p>Limited odours may be expected from the lagoons.</p>

No	ISSUE/COMMENT	RAISED BY	RESPONSE
	lagoons?		
13.	<p>What goes down the discharge pipeline and what will the water quality be? How will this be monitored and mitigated if it exceeds e.g. DWS General Guidelines for disposal of waste water to the environment. I understand the Coega River has been classed by DWS as being unable to absorb any further pollution? Section 2.2 of the BID does not state the legislation / licence required for discharging waste water into the environment</p>	<p>P Martin Email 01/06/2016</p>	<p>Discharging of water will occur during the start-up period to establish the microbial culture. The water treatment process will ensure that most of the iron and manganese is oxidized and removed during the biological filtration process, with nearly all remaining iron and manganese precipitating out in the lagoons before being discharged. Once the WTW is fully operational excess supernatant will be discharged at a point above a non-perennial tributary of the Coega River, at approximately 0.008Ml/day. The supernatant is expected to contain very low concentrations of soluble iron and manganese. The discharge water would be further treated as it flows overland prior to reaching the Coega River. The final quality of the discharged water should not have a negative impact aquatic life in the river. The monitoring of the quality of water discharged from the WTW will form part of the monitoring requirements. As the maximum discharges (1.4 l/s) from WTW is probably well exceeded by flows that occur naturally in the non-perennial watercourse for short periods during heavy rainfall events, it is likely that the increased flows will have a minimum negative impact on the ecological functioning of the lower Coega River.</p> <p>The discharge of water will not be directly into the non-perennial watercourse or the Coega River, and will be allowed to flow overland prior to flowing into a water resource. It is thus considered that the discharging of the supernatant will not trigger an activity in terms of Section 21 (f) of the National Water Act.</p>
14.	<p>When NIMBM undertook groundwater exploration work at this site it resulted in a borehole overflowing at 16 litres/second for several months. This caused flooding, including in the Coega IDZ and killed</p>	<p>P Martin Email 01/06/2016</p>	<p>During the test pumping, the large flow and high pressure of borehole GWA 2B caused old, unused boreholes from the Department of Water and Sanitation (DWS) to flood the surrounding area. Borehole GWA 2B was subsequently</p>

No	ISSUE/COMMENT	RAISED BY	RESPONSE
	<p>hectares of indigenous thicket vegetation between the Motherwell Cemetery and the MR435, Coega Zone 4. NMBM appeared powerless to stop this leak. How can we be assured that borehole leaks will not happen in future and that NMBM has the capacity to deal with such events?</p>		<p>plugged even deeper, which resulted in substantially decreased flooding, however, some flow from old boreholes still persists and causes unnatural wet areas mainly in low lying areas. Once the well field is operational the high pressure in the aquifer will most likely drop to a more manageable level. Monitoring of the boreholes will form part of the monitoring requirements.</p>
<p>15.</p>	<p>Security at all facilities will need to be excellent – it is a very high crime area for the theft of / tampering with infrastructure</p>	<p>P Martin Email 01/06/2016</p>	<p>Site security will be on site during construction. During the operational phase, security measures include fencing of the WTW and associated infrastructure as well as all borehole equipment will be placed in concrete chambers to prevent vandalism. The chambers will be fitted with thick concrete lids which will require removal by crane to gain access to the head works.</p>
<p>16.</p>	<p>Please register Mr Philip Niven as an I&AP.</p>	<p>G. Eales Email 13/06/2016</p>	<p>Mr Philip Niven has been registered I&AP, confirmed on 13/06/2016.</p>

APPENDIX E-5: CORRESPONDENCE WITH AUTHORITIES, STAKEHOLDERS AND I&APS

CORRESPONDENCE IN PRE-APPLICATION PHASE

From: Gavin Eales (Glendore Sand & Stone) <gavin@glendoresand.co.za>
Sent: 12 May 2016 03:32 PM
To: 'Lucille Behrens'
Subject: RE: Registration of Interested and Affected Parties

Thank you very much
I will let you know should we have objections etc
I would like to see the EIA and the EMP etc when available
regards

Gavin Eales
General Manager
Cell: +27 82 373 6960
Fax2Email: +27 86 615 7937

**GLENDORE
SAND & STONE**



Tel: **041 366 1917**
Fax: **041 366 1193**
Email: **info@glendoresand.co.za**
Web: **www.glendoresand.co.za**

We deliver!

From: Lucille Behrens [<mailto:lucille@environmentcen.co.za>]
Sent: 10 May 2016 04:48 PM
To: 'Angelique Timm (Glendore Sand & Stone)' <angelique@glendoresand.co.za>; gavin@glendoresand.co.za
Cc: Mike Cohen <steenbok@aerosat.co.za>
Subject: RE: Registration of Interested and Affected Parties

Dear Gavin and Angelique

Receipt of the registration is acknowledged.
Your details have been added to the Interested and Affected Parties Database.

Please find attached a copy of the Background Information Document (BID) that briefly explains the environmental assessment process underway for the Proposed Coega Kop Wellfield on Erf 1, Wells Estate in Ward 53, Port Elizabeth, Nelson Mandela Bay Municipality.

We will keep you updated on the basic assessment process, and when the draft report will be available for review.

Kind regards
Lucille



Working to conserve South Africa's dwindling natural resources.

Lucille Behrens
Senior Environmental Specialist

Address: 36 River Road, Walmer, Port Elizabeth, 6070, South Africa
Tel: +27 (0)41 581 2983
Fax: 086 504 2549
Cell: +27 (0)82 922 1645
Email: lucille@environmentcen.co.za

From: Angelique Timm (Glendore Sand & Stone) [<mailto:angelique@glendoresand.co.za>]
Sent: 10 May 2016 03:18 PM
To: Steenbok@aerosatco.za; lucille@environmentcen.co.za
Subject: Registration of Interested and Affected Parties

To whom it may concern,

Please could you register Mr. Gavin Eales as an interested and Affected party for the attached Legal Notice.

Please could you reply once he is registered.

Please do not hesitate to contact me should you require any further information.

Kind Regards,
Angelique Timm
Pricing Controller
Glendore Sand and Stone
Tel: 041 366 1917
Fax: 041 366 1139



**GLENDORE
SAND & STONE**



Tel: **041 366 1917**
Fax: **041 366 1193**
Email: **info@glendoresand.co.za**
Web: **www.glendoresand.co.za**

We deliver!

From: gavin@glendoresand.co.za [<mailto:gavin@glendoresand.co.za>]
Sent: 10 May 2016 10:53 AM
To: AngeliqueTimm
Subject: Please register me for this

Regards
Gavin Eales
0823736960

Lucille Behrens

From: Lucille Behrens <[mailto:lucille@environmentcen.co.za]>
Sent: 10 May 2016 04:49 PM
To: 'Andrea Shirley'
Cc: Mike Cohen
Subject: RE: Notification: Basic Assessment for the Proposed Coega Kop Wellfield

Dear Andrea

Receipt of the registration is acknowledged.
Your details have been added to the Interested and Affected Parties Database.
We will keep you updated on the basic assessment process, and when the draft report will be available for review.

Kind regards
Lucille

From: Andrea Shirley [mailto:Andrea.Shirley@coega.co.za]
Sent: 10 May 2016 03:24 PM
To: Lucille Behrens
Subject: RE: Notification: Basic Assessment for the Proposed Coega Kop Wellfield

Dear Lucille

Kindly register me as an IAP for this EIA.

Regards,

Andrea Shirley, MSc, PrSciNat, Prince 2
Project Manager - Operations
Mobile: 082-6574648
Office: 041-4030400
Fax: 041-4030401
Email: Andrea.Shirley@coega.co.za
Website: www.coega.co.za

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Vision: To be a leading catalyst for championing of socio-economic development.

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top EMPLOYER SOUTH AFRICA 2016
12th Annual NATIONAL BUSINESS AWARDS
WINNER 2014
TOP PERFORMING PUBLIC SERVICE AWARD

This email and all contents are subject to the following disclaimer:
<http://www.coega.com/email/disclaimer.html>

From: Lucille Behrens [mailto:lucille@environmentcen.co.za]
Sent: 10 May 2016 07:51 AM
To: morgan@wessaep.co.za; sharlene.matthews@agriec.co.za; sitolem@eskom.co.za; Xolani Wana; ShawLS@telkom.co.za; SitholJ@telkom.co.za; dlennard@mandelametro.gov.za; Anton.le_Grange@transnet.net; 'Kosie Smit'; Andrea Shirley
Cc: Mike Cohen
Subject: Notification: Basic Assessment for the Proposed Coega Kop Wellfield

Dear Stakeholder / Interested and Affected Party

Lucille Behrens

From: Lucille Behrens <lucille@environmentcen.co.za>
Sent: 02 June 2016 11:11 AM
To: 'Paul Martin'
Cc: 'Mike Cohen'
Subject: RE: Comments on Coegakop Wellfield BID

Good day Paul

Thank you for your comments and registration for the proposed Coegakop Wellfield, receipt thereof is acknowledged.

Your comments will be addressed in the Basic Assessment Report.

Your details have been added to the Interested and Affected Parties Database.
We will keep you updated on the basic assessment process, and when the draft report will be available for review.

Kind regards
Lucille Behrens

From: Paul Martin [<mailto:pmartin@axxess.co.za>]
Sent: 01 June 2016 04:06 PM
To: Lucille Behrens
Cc: Mike Cohen
Subject: Comments on Coegakop Wellfield BID

Lucille,

See attached for my initial comments on the NMBM Coegakop Wellfield BID / BAR (in .word to facilitate you cutting & pasting!).

Please register me as an I&AP

--
Dr Paul Martin
Environmental Control Officer
Coega ID3 / Port of Ngqura
PO Box 61029
Bluewater Bay 6212
Tel: 041 4665698
Cell: 0732524111
email: pmartin@axxess.co.za

COMMENTS ON COEGAKOP WELLFIELD, NMBM
BACKGROUND INFORMATION DOCUMENT (provided 10/5/16)

Dr Paul Martin, pmartin@axxess.co.za Tel: 041 4665698 (1 Jun 2016)

I write in my capacity as the Independent Environmental Control Officer for the Coega IDZ and concerned resident of nearby Bluewater Bay.

Initial comments on the Background Information Document for consideration during the Basic Assessment process:

- a) I failed to see the advert for I&APs to register. Where was it advertised? I have not seen any adverts displayed in the vicinity of the site or on the electronic noticeboard in CDC HQ (I obtained the BID from a 3rd party).
- b) Potable water losses by NMBM are in the order of 40% due primarily to inadequate maintenance, with lack of finance often the excuse. Surely the money would be better spent on fixing water leaks and only once this is under control should the development of new water resources be considered. This should be one of the "Alternatives" considered in the Basic Assessment.
- c) Presumably this water is being extracted from the "Coega Fault" – my understanding is that DWS regards this as a strategic groundwater resource and restricts the extraction of this water. What is the re-charge capacity of this resource? How are we sure that extraction from the resource will be sustainable and that we are not "mining a non-renewable resource". What will be the impact of a draw down of the groundwater resource (on existing users – e.g. Amanzi; and on the natural environment – does this water surface naturally anywhere - e.g. urban legend has it that this water wells up from the seabed offshore).
- d) Section 2.2 of the BID does not state what licence is required from DWS for the extraction of groundwater – what is the current legislation wrt the extraction of groundwater?
- e) How does the water quality of the groundwater compare to that from other sources (e.g. Sundays River and Churchill Dam schemes)? Does it require a lot less (and therefore cheaper) treatment? Is an alternative to treat it to Class 4 Industrial Water or is the main demand for potable water?
- f) Is the water in the adjacent Transnet Quarry linked to this resource? If Transnet want to remove the water from their quarry would it be feasible to re-cycle the water through the proposed Water Treatment Works?
- g) How big (surface area & volume) will the sludge lagoons be? Presumably they will be used in rotation and once the dry sludge has been removed they can be re-used (not retired as stated in the BID?).
- h) What volume of sludge is expected per annum and will it contain any hazardous materials (can it be disposed of as "general waste"?). Presumably the sludge is from impurities in the ground water. Will there be any odours associated with the sludge lagoons?
- i) What goes down the discharge pipeline and what will the water quality be? How will this be monitored and mitigated if it exceeds e.g. DWS General Guidelines for

disposal of waste water to the environment. I understand the Coega River has been classed by DWS as being unable to absorb any further pollution? Section 2.2 of the BID does not state the legislation / licence required for discharging waste water into the environment.

- j) When NMBM undertook groundwater exploration work at this site it resulted in a borehole overflowing at 16 litres/second for several months. This caused flooding, including in the Coega IDZ and killed hectares of indigenous thicket vegetation between the Motherwell Cemetery and the MR435, Coega Zone 4. NMBM appeared powerless to stop this leak. How can we be assured that borehole leaks will not happen in future and that NMBM has the capacity to deal with such events?
- k) Security at all facilities will need to be excellent – it is a very high crime area for the theft of / tampering with infrastructure

From: Lucille Behrens <lucille@environmentcen.co.za>
Sent: 13 June 2016 09:37 AM
To: 'Gavin Eales (Glendore Sand & Stone); 'Pfniven'
Cc: 'steenbok@aerosat.co.za'
Subject: RE: COEGA KOP WELL FIELD RE: Registration of Interested and Affected Parties

Dear Gavin and Philip

Receipt of the registration is acknowledged.
Mr Niven's details have been added to the Interested and Affected Parties Database.

We will keep you updated on the basic assessment process, and when the draft report will be available for review.

Kind regards
Lucille



Lucille Behrens
Senior Environmental Specialist

Address: 36 River Road, Walmer, Port Elizabeth, 6070, South Africa
Tel: +27 (0)41 581 2983
Fax: 086 504 2549
Cell: +27 (0)82 922 1645
Email: lucille@environmentcen.co.za

Working to conserve South Africa's dwindling natural resources.

From: Gavin Eales (Glendore Sand & Stone) [<mailto:gavin@glendoresand.co.za>]
Sent: 13 June 2016 09:28 AM
To: 'Lucille Behrens'; 'Pfniven'
Cc: steenbok@aerosat.co.za
Subject: COEGA KOP WELL FIELD RE: Registration of Interested and Affected Parties

Hi Lucille
Please also register Mr Philip Niven as an IAP
pfniven@gmail.com
Many thanks

Gavin Eales
General Manager
Cell: +27 82 373 6960
Fax2Email: +27 86 615 7937

CORRESPONDENCE IN POST-APPLICATION PHASE & REVIEW PERIOD OF DRAFT BAR

(Please note this will only be added in the Final Basic Assessment Report)

APPENDIX E-6: PROOF OF NOTIFICATIONS & DELIVERY - DRAFT BASIC ASSESSMENT REPORT REVIEW PERIOD

(Please note this will only be added in the Final Basic Assessment Report)