

**Appendix h- 4.1.1.8: DCA**

Meeting requests and confirmation in the form of email and/or a letter

## Athi Xwayi

---

**From:** Athi Xwayi  
**Sent:** 17 May 2016 01:01 PM  
**To:** Le Roux, G <glr@sun.ac.za>  
**Cc:** Babalwa Fatyi  
**Subject:** Request for Stakeholder Meeting  
**Attachments:** WKSCE-Specialist-Aquaculture Study 09-05-2016-3.pdf

Dear Mr. Gert Le Roux,

Subsequent to the submission of the scoping report on 29 April 2016, and as clarified during your telephonic discussion with Babalwa on 13 May 2015, we are now at a stage where we are compiling the environmental impact assessment report, and we are commissioning specialists to investigate further, some of the issues raised to ascertain the actual impacts. As such, we are proposing a discussion meeting with you on the 23<sup>rd</sup> or 24<sup>th</sup> of May 2016 (keep either of the dates in mind). Kindly tentatively avail yourself on these dates, and we will confirm the actual day after confirming with the regulatory authority that we are also scheduling to meet.

With this in mind, and prior to the meeting, may you kindly send us a map showing areas that you identified for seeding and the areas that might be affected by the West Coast Resources project, in relation to your business. We need to accommodate these in the terms of reference that are being discussed with the potential specialist. Attached for your input, are also the terms of reference for the specialist. Kindly see if these Terms of Reference address your concern.

**Kind Regards**

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**From:** Athi Xwayi  
**Sent:** 20 April 2016 09:55 AM  
**To:** 'Le Roux, G <glr@sun.ac.za>'  
**Cc:** Babalwa Fatyi  
**Subject:** Acknowledgement of Receipt of IAP Comments

Dear Mr. Le Roux,

We wish to acknowledge receipt of your comments and expressed concerns, which were emailed to us on 18 April 2016. The comments have been noted and will be included in the scoping report, which will be submitted to the Department of Mineral Resources (DMR). The subsequent stage of the process would be to investigate the issues further to determine the actual environmental impacts and to develop mitigation measures and associated monitoring plans. You will be given feedback about this stage, and you will be allowed an opportunity to comment on the environmental impact assessment report (EIAR) and proposed mitigation measures. This stage is expected to be completed by 29 September 2016. The commenting period is expected to be 01 August 2016 to 02 September 2016.

**Kind Regards**

# West Coast Resources



## MYEZO ENVIRONMENTAL MANAGEMENT SERVICES

*Environmental Stewardship*

**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-ENVIRONMENTAL  
IMPACT ASSESSMENT**

**TERMS OF REFERENCE FOR AN AQUACULTURE STUDY, FOR THE AMENDMENT OF AN  
ENVIRONMENTAL MANAGEMENT PROGRAMME AND ENVIRONMENTAL IMPACT ASSESSMENT IN  
RESPECT OF THE ENVIRONMENTAL AUTHORISATION APPLICATION IN SUPPORT OF A MINING  
RIGHT HELD BY WEST COAST RESOURCES (PTY) LTD OVER THE KOINGNAAS AND SAMSONS  
BAK COMPLEXES**

*Document Name: WKSCE-Specialists-Terms of Reference for Aquaculture Studies*

*Document Status: Rev.1*

*Date: 11 May 2016*

*Myezo Ref: WKSCE/2015/02/TR*

*DMR Ref: NC0043 MR/102 and NC0044 MR/102*



**mineral resources**

**Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA**

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**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-  
ENVIRONMENTAL IMPACT ASSESSMENT**

**TERMS OF REFERENCE FOR AN AQUACULTURE STUDY, FOR THE AMENDMENT OF AN  
ENVIRONMENTAL MANAGEMENT PROGRAMME AND ENVIRONMENTAL IMPACT  
ASSESSMENT IN RESPECT OF THE ENVIRONMENTAL AUTHORISATION APPLICATION  
IN SUPPORT OF A MINING RIGHT HELD BY WEST COAST RESOURCES (PTY) LTD OVER  
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**DMR Ref: NC0043 MR/102 and NC0044 MR/102**



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**DOCUMENT REVIEW AND APPROVAL**

<b>Prepared by</b>	<b>B. Fatyi</b>		
<b>Reviewed by</b>			
	<b>B. Fatyi</b>		
<b>Document Authorisation</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Approved by</b>			<b>11 May 2016</b>

**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-  
ENVIRONMENTAL IMPACT ASSESSMENT**

**TERMS OF REFERENCE FOR AN AQUACULTURE STUDY, FOR THE AMENDMENT OF AN  
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MANAGEMENT SERVICES**

*Environmental Stewardship*

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**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-  
ENVIRONMENTAL IMPACT ASSESSMENT**

**TERMS OF REFERENCE FOR AN AQUACULTURE STUDY, FOR THE AMENDMENT OF AN  
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**DOCUMENT CONTROL AND REVISION LIST**

**REVISION LIST**

Revision	Nature of amendment	Compiled by	Approved by	Date of amendment

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## 1. INTRODUCTION

West Coast Resources (Pty) Ltd (WCR) intends to re-visit and mine certain areas on the Namaqualand Coast. WCR are re-establishing diamond-mining operations in the existing mining rights areas on the Namaqualand coast, previously mined by De Beers, and under the existing mining rights of July 2012, i.e. Koingnaas Mining Right (522MRC) and Samsons Bak Mining Right (525MRC). As part of their operations, WCR intend to mine deposits that are located on the beach and extend seaward, potentially for several hundred metres. WCR wants to continue with mining on the areas covered by these rights i.e. areas within the existing mining rights authorization, with immediate target being the Langklip and Koingnaas mining areas. The target areas are those that will not trigger new listed activities in terms of the National Environmental Management Act, Act No. 107 of 1998 (NEMA).

Before proceeding with the mining operations, a check of what environmental authorizations are covered under these rights was undertaken and this was done in the light of the new legal dispensation, which had culminated into the development of "one environmental system," incorporating Minerals and Petroleum Resources Development Act, Act No. (28 of 2002 (MPRDA), as amended, NEMA, National Water Act, Act No. 36 of 1998 (NWA) and the National Environmental Management Waste Act, Act No. 59 of 2008 (NEMWA). The current environmental management programmes (EMPs) had, as such, been reviewed to determine activities which would be deemed to have the existing environmental authorization.

The activities that are currently authorized and those that will require authorization are governed by various environmental legislation, as such, sections of NEMA, MPRDA, NWA and NEM: WA, have been used as a guide to undertake these activities. The planned continuation of mining activities will be undertaken under these existing mining rights. The triggered listed activities in terms of NEMA, NEM: WA, and NWA, which are not covered in the EMPs require a separate environmental authorization application, which will be undertaken, while the authorized activities are being implemented on site during mining.

There are various listed activities which will require environmental authorisation in terms of the NEMA. The aforementioned activities are outlined in the table under Section 5 of the application form, which is also attached as Appendix 3 of this document.

## 2. AQUACULTURE STUDIES TO BE UNDERTAKEN: TERMS OF REFERENCE FOR SPECIALISTS

The produced report should be undertaken in terms of General ToR for specialist reports, as per EIA Regulations 2014.

### 2.1. AQUACULTURE

The specialist studies to be done should consider the aspects of existing studies, and further process and incorporate into their investigations for a comprehensive view of the impacts associated with the mining development.

#### 2.1.1. Specialist studies to input into the environmental studies

Specialist studies are required to investigate the anticipated preliminary scoped issues, to determine the actual impacts for which management measures will be developed. Impact assessment of mining on aquaculture is amongst the specialist studies, which will be required. You are hereby requested to provide us with a quotation for undertaking this study. Terms of reference are provided below and you may suggest any other aquaculture related investigations, which are not incorporated in the listed Terms

of Reference, which you deem necessary for this particular project. Your suggested investigations should be highlighted in your quotation.

### **3. SPECIFIC TERMS OF REFERENCE (TOR) FOR AQUACULTURE**

Socio economic assessment, as part of the EIA for the Koingnaas and Samsons Bak mining projects will be undertaken. In order to undertake the study, input from a marine biologist who has an understanding of abalone ecosystems and farming will be required. In this regard, the following points would all require input from a marine biologist:

- Impact of mining activities on the habitat required for abalone ranching and the likelihood that seeded abalone could be destroyed;
- Potential impact of water quality deterioration, especially turbidity on the abalone ranching activities;
- Identification of mitigation measures to alleviate or reduce the determined impacts;
- Estimate of cost of the proposed mitigation measures to address the above impacts;
- Assessment of and professional opinion on, the broader potential opportunities and risks posed by the mining project on the areas local economy, and not just on the abalone sector.

### **4. GENERIC TERMS OF REFERENCE FOR SPECIALIST STUDIES ACCORDING TO THE EIA REGULATIONS 2014**

The specialist report will be incorporated into an EMP, together with other studies, and thus, needs to maintain a specific consistency and you are thus requested to provide it in both Ms Word electronic format as well as PDF and a hard copy format. Any maps must be provided in JPG format as well as in the original programme format they were created in such as DXF. The shapefiles must also be provided. The report format is provided below and broad structure of the specialist report must thus follow this structure as per EIA Regulations 2014, where applicable:

- a) details of-
  - (i) the specialist who prepared the report; and
  - (ii) the expertise of that specialist to compile a specialist report including a Curriculum Vitae;
- b) a declaration that the specialist is independent in a form as may be specified by the competent authority;
- c) an indication of the scope of, and the purpose for which, the report was prepared;
- d) the date and season of the site investigation and the relevance of the season to the outcome of the assessment;
- e) a description of the methodology adopted in preparing the report or carrying out the specialised process;
- f) the specific identified sensitivity of the site related to the activity and its associated structures and infrastructure;
- g) an identification of any areas to be avoided, including buffers;
- h) a map superimposing the activity including the associated structures and infrastructure on the environmental sensitivities of the site including areas to be avoided, including buffers;
- i) a description of any assumptions made and any uncertainties or gaps in knowledge;

- j) a description of the findings and potential implications of such findings on the impact of the proposed activity, including identified alternatives on the environment;
- k) any mitigation measures for inclusion in the environmental management programme report (EMPr);
- l) any conditions for inclusion in the environmental authorisation;
- m) (m) any monitoring requirements for inclusion in the EMPr or environmental authorisation;
- n) a reasoned opinion-
  - (i) as to whether the proposed activity or portions thereof should be authorised; and
  - (ii) if the opinion is that the proposed activity or portions thereof should be authorised, any avoidance, management and mitigation measures that should be included in the EMPr, and where applicable, the closure plan;
- o) a description of any consultation process that was undertaken during the course of preparing the specialist report;
- p) a summary and copies of any comments received during any consultation process and where applicable all responses thereto; and
- q) any other information requested by the competent authority.

All data must be collated and geo-referenced, ensuring that the datum (WGS 84) used is consistent between the datasets for comparison purposes. The information should be provided on a CD, containing all metadata sets in GIS file formats, containing feature classes, attributes tables, imagery files (raster datasets and layers) and continuous surfaces. An impact evaluation criteria to be used for this project will be provided to you on issue of your appointment letter.

#### **5. TIMEFRAMES**

We kindly request that you submit a quotation by 16 May 2016. You are required to submit reports within 30 days of appointment. A Declaration of Independence must accompany the reports.

#### **6. SUPPORTING INFORMATION OR DOCUMENTS TO BE PROVIDED TO SPECIALISTS**

The documents that will be provided to you, as a specialist are listed below.

1. Table of Issues raised by stakeholders
2. Locality plan
3. Table of listed activities
4. Impact assessment criteria
5. Report template (Section 4 of this document)
6. Minutes of meetings with regulatory authorities and stakeholders
7. Surface layout plan

#### **7. Conclusion**

We hope you will be able to provide your valuable contribution towards this project.

Yours faithfully,

West Coast Resources (Pty) Ltd  
Terms of Reference  
Myezo-QMS-PM-0026-2

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Babalwa Fatyi *Pr. Sci. Nat*  
**Director**

**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-ENVIRONMENTAL IMPACT ASSESSMENT**  
**TERMS OF REFERENCE FOR An AQUACULTURE STUDY, FOR THE AMENDMENT OF AN ENVIRONMENTAL MANAGEMENT PROGRAMME AND ENVIRONMENTAL IMPACT ASSESSMENT IN RESPECT OF THE ENVIRONMENTAL AUTHORISATION APPLICATION IN SUPPORT OF A MINING RIGHT HELD BY WEST COAST RESOURCES (PTY) LTD OVER THE KOINGNAAS AND SAMSONS BAK COMPLEXES**

**Document Name: WKSCE-Specialists-Terms of Reference for Aquaculture Studies**

**Document Status: Rev.1**

**Date: 11 May 2016**

**Myezo Ref: WKSCE/2015/02/TR**

**DMR Ref: NC0043 MR/102 and NC0044 MR/102**

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**From:** Le Roux, G <[glr@sun.ac.za](mailto:glr@sun.ac.za)> [<mailto:glr@sun.ac.za>]  
**Sent:** 18 April 2016 01:27 PM  
**To:** Athi Xwayi  
**Subject:** RE: Notification Letter to Stakeholders, Regarding the Review of a Scoping Report

Good afternoon

The email below refers. Attached please find the Diamond Coast Abalone reply slip.

Best regards

Gert le Roux

---

**From:** Athi Xwayi [<mailto:Athi@myezo.co.za>]  
**Sent:** 16 March 2016 12:14 PM  
**To:** Le Roux, G <[glr@sun.ac.za](mailto:glr@sun.ac.za)>  
**Subject:** Notification Letter to Stakeholders, Regarding the Review of a Scoping Report

Geagte Belanghebbende en geaffekteerde party (BGP)

***WEST COAST RESOURCES-KOINGNAAS EN SAMSONSBAKKOMPLEKSE-OMGEWINGSIMPAKSTUDIE***

***KENNISGEWING AAN BELANGHEBBENDE EN GEAFFEKTEERDE PARTYE OOR DIE HERSIENING VAN 'N OMVANGBEPALINGSVERSLAG EN OMGEWINGSIMPAKSTUDIE, ASOOK 'N AANSOEK OM OMGEWINGSMAGTIGING TER ONDERSTEUNING VAN 'N WYSIGING VAN 'N MYNREG WAT DEUR WEST COAST RESOURCES (EDMS.) BPK. OOR DIE KOINGNAAS EN SAMSONS BAK KOMPLEKSE GEHOU WORD***

***Dokumentnaam: WKSCE-PI-Scoping-IAP scoping review***

**Datum: 16 Maart 2016**

***Myezo-verw. no.: WKSCE/2015/02/NL***

***DMR-verw. no.: NC0043-MR/102 en NC0044-MR/102***

Hierdie kommunikasie dien as kennisgewing aan u dat West Coast Resources (WCR) beoog om sekere gebiede aan die Namakwalandse Kus te heropen en te myn. WCR hervestig diamantmynbedrywighede in die bestaande mynregtegebiede aan die Namakwalandse kus wat voorheen deur De Beers gemyn is, en ingevolge die bestaande mynregte van Julie 2012, met ander woorde Koingnaas Mynreg (522MRC) en Samsons Bak Mynreg (525MRC). Kennisgewing word dus hiermee ingevolge artikel 41 (2) (a) (b) (c) (d) (e) en 3 van die 2014 OIS-regulasies gegee dat 'n aansoek om omgewingsmagtiging ingevolge NEMA en NEM: WA by die Departement van Mineraalhulpbronne (DMH) ingedien is ten opsigte van gespesifiseerde aktiwiteite wat deur aansoeke ingevolge die MPRDA genoodsaak is.

Die aansoek wat ingevolge die MPRDA ingedien is, is ter ondersteuning van 'n wysiging van die mynreg ingevolge artikel 102 van die MPRDA. WCR sal dus begin met mynaktiwiteite wat tans ingevolge die bestaande mynreg gemagtig is, maar 'n omgewingsimpakstudie (OIS) sal onderneem word vir die aktiwiteite wat nie tans gemagtig is nie, insluitende strandmynaktiwiteite onder die laagwatermerk en sekere land-gebaseerde aktiwiteite. Die aansoek om omgewingsmagtiging word dus vir nuwe gespesifiseerde aktiwiteite vir die Koingnaas Right en die Samsons Bak Right ingedien, en omvangbepaling- en OIS-prosedures word op die aansoek toegepas.

Die samestelling van die omvangbepalingsverslag vir hersiening deur die publiek is die jongste mylpaal van die projek, en WCR nooi graag alle BGP's om aan die finalisering van die verslag deel te neem. Die kennisgewing vir die hersiening van die omvangbepalingsverslag asook die kennisgewing oor die aansoek is op 04 Maart 2016 in die Namakwalander-koerant geadverteer. Terreinkennisgewings is verder ook vir die publiek se gerief op die perseel opgerig en is ook by ander strategiese liggings geplaas. 'n Afskrif van die advertensie word vir u inligting as 'n aanhangsel by hierdie e-pos ingesluit. As deel van die openbaredeelnames-proses is die omvangbepalingsverslag beskikbaar by die Koingnaas-mynkantoor (30° 12' 38.64"S, 17° 16' 25.34E), Springbok Biblioteek (Namakwastraat 04, Springbok, Noord-Kaap, 8240), en by West Coast Resources se hoofkantoor te Voortrekkerweg 405, Parow, 7500.

Die omvangbepalingsverslag word in drie volumes verdeel, naamlik:

- Volume 1 – Description of the scope of the overall activities in the proposed sites (Section 2a to hiii)
- Volume 2 – Environmental attributes, impacts identified and plan of study for environmental assessment (Section h (v) – Section k)
- Volume 3 - Public participation and supporting documentation (Appendices 1,2,3,4,5 including Appendix 2.19.1-2.19.2)

Indien u enige kommentaar, voorstelle of insette ten opsigte van die projek het, verskaf asseblief u skriftelike kommentaar aan ons. U is welkom om dit te doen deur die antwoordstrokie in te vul (aangeheg as Bylae h-7 in volume 3 van die verslag) of enige ander formaat te gebruik wat u verkies en dit deur middel van die besonderhede hieronder aan ons terug te stuur. (Sien die formele brief en antwoordstrokie wat by hierdie e-pos aangeheg is).

Die voorleggings moet alles formeel en skriftelik wees. In die voorleggings van kommentaar moet die belanghebbende en geaffekteerde partye enige direkte sake-, finansiële, persoonlike of ander belang bekendmaak wat hulle by die goedkeuring of weiering van die aansoek het.

Aandag: Me. B Fatyi

Adres: Postnet Suite B165, Privaat Sak X18, Lynnwoodrif, 0040, Pretoria

Telefoon: 012 998 7642

Selfoon no.: 082 772 2418

E-pos: [babalwa@myezo.co.za](mailto:babalwa@myezo.co.za) (verkieslik)

Faks-na-e-pos: 086 543 1698

Dear Interested and affected party (IAP)

***WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-ENVIRONMENTAL IMPACT ASSESSMENT***

***NOTIFICATION TO INTERESTED AND AFFECTED PARTIES ABOUT THE REVIEW OF A SCOPING REPORT AND ENVIRONMENTAL IMPACT ASSESSMENT, AS WELL AS AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN SUPPORT OF A MINING RIGHT HELD BY WEST COAST RESOURCES (PTY) LTD OVER THE KOINGNAAS AND SAMSONS BAK COMPLEXES***

***Document Name: WKSCE-PI-Scoping-IAP scoping review***

**Date: 16 March 2016**

***Myezo Ref No: WKSCE/2015/02/NL***



**DMR Ref No: NC0043-MR/102 and NC0044-MR/102**

This communication hereby serves to notify you that West Coast Resources (WCR) intends to re-visit and mine certain areas along the Namaqualand Coast. WCR are re-establishing diamond mining operations in the existing mining rights areas, on the Namaqualand coast, previously mined by De Beers and under the existing mining rights of July 2012, i.e. Koingnaas Mining Right (522MRC) and Samsons Bak Mining Right (525MRC). As such, notice is hereby given in terms of Section 41 (2) (a) (b) (c) (d) (e) and (3) of the 2014 EIA Regulations, that an application for environmental authorisation has been submitted to the Department of Mineral Resources (DMR), in terms of NEMA and NEM: WA, in respect of listed activities that have been triggered by applications in terms of the MPRDA.

The applications that have been submitted in terms of the MPRDA, are supporting an amendment of the mining right, in terms of Section 102 of MPRDA. WCR will, therefore, commence with mining activities that are currently authorised under the existing mining right, but an environmental impact assessment (EIA) will be undertaken for the activities that are not currently authorised, including beach mining below the low water mark and certain land-based activities. Therefore, the application for environmental authorization is being undertaken for triggered listed activities for the Koingnaas Right and the Samsons Bak Right and scoping and EIA procedures are being applied to the application.

The compilation of the Scoping Report for public review is the most recent milestone of the project, as such WCR would like to invite all IAPs to participate in the finalization of the report. Furthermore, notice for the review of the Scoping report, as well as the notification about the application, was advertised on the Namakwalander Newspaper, on 04 March 2016. Moreover, site notices were erected on site and have also been placed at the other strategic locations for the convenience of the public. A copy of the advert is included as an attachment to this Email, for your information. As part of the public participation process, the Scoping Report has been provided at Koingnaas Mine offices (30° 12' 38.64"S, 17° 16' 25.34E), Springbok Library (04 Namakwa Street, Springbok, Northern Cape, 8240) and at West Coast Resource's head office at (405 Voortrekker Road, Parow, 7500).

The Scoping Report is divided into three volumes, namely:

- Volume 1- Description of the scope of the overall activities in the proposed sites (Section 2a to hiii)
- Volume 2- Environmental attributes, impacts identified and plan of study for environmental assessment (Section h (v) – Section k)
- Volume 3- Public participation and supporting documentation (Appendices 1,2,3,4,5 to h including, Appendices 2.19.1-2.19.2)

Should you have any comments, suggestions or input with regards to the project, kindly provide us with your written comments. You are welcome to do this by completing the Reply Slip, attached as Appendix h-7 under Volume 3 of the report, or by using any other format you prefer, and return to us using the details below. (See formal letter and reply slip, attached to this E-mail).

The submissions must all be done formally and in writing. In the submissions of comments, the interested and affected parties must disclose any direct business, financial, personal or other interest which they have in the approval or refusal of the application.

Attention: Ms. B. Fatyi  
Address: Postnet Suite B165, Private Bag X18, Lynnwood Ridge, 0040, Pretoria  
Telephone: 012 998 7642  
Cell-phone No: 082 772 2418  
Email: [babalwa@myezo.co.za](mailto:babalwa@myezo.co.za) (Preferred)  
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**Kind Regards**

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Environmental Administrator

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**Scoping and EIA report submission and other related matters**

## Lourens

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**From:** Lourens  
**Sent:** 14 September 2016 09:42 AM  
**To:** 'glr@sun.ac.za'  
**Cc:** Babalwa Fatyi; Tiisetso Koko  
**Subject:** Notification to Diamond Coast Abalone of Aquaculture Study  
**Attachments:** WKSCE-PI-EIA notif Ltr to DCA R5(13-SEP-16).doc

Dear Mr. Le Roux

Subsequent to the Aquaculture Study that was sent to you yesterday, please find attached the correct notification letter which is meant to be read in conjunction with this specialist report.

Kind Regards,

**Lourens van der Merwe**

**M** +27 82 692 9707 | **T** +27 12 998 7642 | **F** + 27 12 998 7641

**E** [lourens@myezo.co.za](mailto:lourens@myezo.co.za) | [www.myezo.co.za](http://www.myezo.co.za) |





**MYEZO ENVIRONMENTAL  
MANAGEMENT SERVICES**  
*Environmental Stewardship*

012 998 7642 012 998 7641 082 772 2418  
babalwa@myezo.co.za |

Postnet Suite B165, Private Bag X18, Lynnwood  
Ridge, 0040, Pretoria, South Africa

645 Jacqueline Drive, Garstfontein, 0081  
Pretoria, South Africa

44 Oxford Street  
Durbanville  
Western Cape  
0081

13 September 2016

**Attention:** Gert Le Roux

**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-ENVIRONMENTAL IMPACT  
ASSESSMENT**

**NOTIFICATION TO DIAMOND COAST ABALONE OF THE AQUACULTURE STUDY FOR AN ENVIRONMENTAL IMPACT  
ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT, WHICH HAS BEEN COMPILED AS PART OF  
AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION, IN SUPPORT OF A MINING RIGHT HELD BY WEST COAST  
RESOURCES (PTY) LTD, OVER THE KOINGNAAS AND SAMSONS BAK COMPLEXES**

**Document Name: WKSCE-PI-Communication with Diamond Coast Abalone (DCA)**

**Date: 13 September 2016**

**Myezo Ref No: WKSCE/2015/02/NL**

**DMR Ref No: NC0043-MR/102 and NC0044-MR/102**

Dear Mr. Gert Le Roux

Subsequent to our meeting held on 23 May 2016, and your review of the Terms of Reference (ToR) for the aquaculture study, we hereby provide you with a copy of this specialist study that has since been conducted for the West Coast Resources (Pty) Ltd (WCR) project by Capricorn Marine Environmental (Pty) Ltd (CapMarine).

The study has been incorporated into the Environmental Impact Assessment report (EIAR) and will be made available to stakeholders for review by 20 September 2016.

Yours faithfully

PP:

Babalwa Fatyi *Pr.Sci.Nat*  
**Director**

**Sicelo Jebe**

---

**Subject:** FW: Download confirmation from glr@sun.ac.za via WeTransfer

**From:** WeTransfer [<mailto:noreply@wetransfer.com>]

**Sent:** 13 September 2016 02:26 PM

**To:** Tiisetso Koko <[Tiisetso@myezo.co.za](mailto:Tiisetso@myezo.co.za)>

**Subject:** Download confirmation from [glr@sun.ac.za](mailto:glr@sun.ac.za) via WeTransfer

[glr@sun.ac.za](mailto:glr@sun.ac.za)  
downloaded your files

'Dear Sir

Subsequent to your request for the Aquaculture report addressing the concerns expressed by Diamond Coastal Abalone, kindly receive the Aquaculture study report for your perusal.

Kind regards

Tiisetso'

**Files (8.35 MB total)**

WCR-Specialist- Abalone Report Rev 0 (July 19) dj 29 Aug final.docx

**Will be deleted on**

20 September, 2016

**Download link**

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**Athi Xwayi**

---

**Subject:** FW: Terms of Reference for Aquaculture Studies  
**Attachments:** WKSCE-Specialist-Aquaculture Study 09-05-2016-3.pdf

**From:** Le Roux, G <[glr@sun.ac.za](mailto:glr@sun.ac.za)> [<mailto:glr@sun.ac.za>]

**Sent:** 20 May 2016 11:29 AM

**To:** Athi Xwayi

**Cc:** Babalwa Fatyi

**Subject:** RE: Request for Stakeholder Meeting

Dear Athi

I have reviewed the terms of reference for the aquaculture specialist study and would like to suggest the following additions:

1. A legal review of applicable legislation, with a specific focus on user and access rights
2. A review of suggested access arrangements
3. A cost comparison of seeding abalone from land vs boat based seeding
4. Identification of alternative areas for ranching in the Northern Cape Province and an assessment of the likelihood that these areas could be zoned for abalone ranching

The assessment of water quality deterioration should include the impact of sedimentation.

Best regards

Gert le Roux

**Appendix h-4.2: Communication from Authorities**



## Athi Xwayi

---

**From:** Babalwa Fatyi  
**Sent:** 02 March 2016 09:50 PM  
**To:** Athi Xwayi; Siculo Jebe  
**Subject:** FW: Request for stakeholder pre-consultation meeting with Department of Agriculture, Forestry and Fisheries (DAFF) for West Coast Resources EIA/ EMP update process, Namaqualand District Municipality, Northern Cape  
**Attachments:** Seaweed Register 15\_4\_14.pdf; concession area for 2014\_2015 fishing season.pdf; MAP of Seaweed concession or rights areas.pdf

**From:** OdwaD [mailto:OdwaD@daff.gov.za]  
**Sent:** 17 September 2015 09:05 AM  
**To:** Bonita <bonita@myezo.co.za>  
**Cc:** Babalwa Fatyi <Babalwa@myezo.co.za>; babalwa.bf@gmail.com; LuyandaT <LuyandaT@daff.gov.za>  
**Subject:** RE: Request for stakeholder pre-consultation meeting with Department of Agriculture, Forestry and Fisheries (DAFF) for West Coast Resources EIA/ EMP update process, Namaqualand District Municipality, Northern Cape

Dear Bonita,

Please find attached is the register for Seaweed and the description of the concession areas as per your request. You will get the rock lobster register from Mr Luyanda Tuko whom I have also copied in this email.

Regards

Odwa Dubula  
Deputy Director: Small Invertebrates and Seaweed Management  
Directorate: Inshore Fisheries Management  
Department of Agriculture, Forestry and Fisheries

Cell: 072 276 5170  
Tel: 021 402 3680  
Fax: 021 402 3367  
Web: [www.daff.gov.za](http://www.daff.gov.za)  
E-mail: [OdwaD@daff.gov.za](mailto:OdwaD@daff.gov.za)



agriculture,  
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Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

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**agriculture,  
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Department of  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

**SEAWEED RIGHTS REGISTER COMPILED IN TERMS OF SECTION 12 OF THE MARINE LIVING RESOURCES ACT, 1998 (ACT NO. 18 OF 1998) AND REGULATION 4 PROMULGATED THEREUNDER: FISHING RIGHTS GRANTED**

No	Application Number	Name of Successful Applicant	Postal Address	Physical Address	Company Registration Number	Telephone No	Fax/Smile No	Cellphone No	Email Address	Contact Person	Concession Area & Functional Group Allocated
1	SWDM00290	Buddingtrade 1114 BK	Saturnus Street, Noordhoek, Veldrift, 7364	Saturnus Street, Noordhoek, Veldrift, 7365	CK89/0207/023	None	None	None	None	Charles Henry McDonald	Area 12: Ulva & Porphyra, Area 16: Ulva & Porphyra
2	SWDM00211	Buffeljagsbaai Marine Company (Pty) Ltd	P O Box 1536, Gansbaai, 7220	Seaview Avenue 21, Buffeljagsbaai, 7220	2002/02393/007	(028) 482 1669	(028) 482 1664	082 9223922	srifish@telkomsa.net	Victor Weber	Area 5: Kelp
3	SWDM00305	Eckloweed Industries (Pty) Ltd	PO Box 325, Simon's Town, 7995	Lossand Street, Vredendal Industrial, Verendal, 8160	1973/01016/007	(021) 786 2090	(021) 786 3274	083 3202180	kelpak@iAfrica.com	David Smith	Area 13: Kelp, Area 14: Kelp
4	SWDM00212	Global Pact Trading 183 (Pty) Ltd Via Bright Focus	PO Box 468, Gansbaai, 7220	Malgas Close, Gansbaai Industrial, Gansbaai, 7220	2005/006164/07	(028) 384 0094	(028) 384 0094	083 724 7226	brightfocus@nw eb.co.za	James Boot	Area 2: Gelidium, Area 3: Gelidium
5	SWDM00301	Irvn & Johnson Ltd	PO Box 1628, Cape Town, 8000	70 Prestwich Street, Green Point, Cape Town, 8001	1952/001693/06	(021) 402 9200/9299	(021) 402 9282/9375	082 658 5817	chris@jji.co.za	Chris Schoeman	Area 4: Beach Cast, Area 5: Beach Cast
6	SWDM00304	Kelp Products (Pty) Ltd	PO Box 325, Simon's Town, 7995	Bluewater Close, Simon's Town, 7995	1972/001287/07	(021) 786 2090	(021) 786 3274	083 3202180	Kelpak@africa.com	David Smith	Area 9: Kelp
7	SWDM00663	Lejamo Construction CC	P.O. Box 15544, Beacon Bay, 5205	37 Mopane Road, Beacon Bay, East London, 5202	2000/064613/23	(043) 748 6168	(043) 748 6168	082 782 3936	andy.moss@jima gnet.co.za	Andrew Moss	Area 20: Gelidium, Area 22: Gelidium
8	SWDM00306	Pearly Beach Fisheries (Pty) Ltd	72 Tweede Straat, Rushhof, Strand, 7140	72 Tweede Straat, Rushhof, Strand, 7140	2000/027609/07	(021) 845 9201	(021) 845 9201	0721107519	None	Lawton Roos	Area 8: Kelp
9	SWDM00302	Premier Fishing SA (Pty) Ltd	P O Box 181, Cape Town, 8000	Quay 7, East Pier, V & A Waterfront, 8001	1952/002671/01	(021) 419 0124	(021) 419 0731	082 4410433	zenanihah@premis hoo.za	Zenanihah Barends	Area 15: Kelp
10	SWDM00001	Rekaelele Kelp (Pty) Ltd	PO Box 525, Port Nolloth, 8280	1 Alves Street, Port Nolloth, 8280	2001/005785/07	(027) 851 8430	(027) 851 8432	076 1819393	famda@telkoms a.net	Elane Ciciella Marthinus	Area 15: Kelp, Area 16: Kelp
11	SWDM00307	Taurus Chemicals (Cape Kelp) (Pty) Ltd	PO Box 983, Gansbaai, 7220	2 Oestervanger Close, Gansbaai Industrial, Gansbaai, 7220	1952/01039/07	(028) 384 1088	(028) 384 1800	082 901 0071	wruscoe@taurus-products.co.za	Wendy May Ruscoe	Area 1: Gelidium, Area 6: Kelp, Area 7: Kelp, Area 21: Gelidium, Area 23: Gelidium

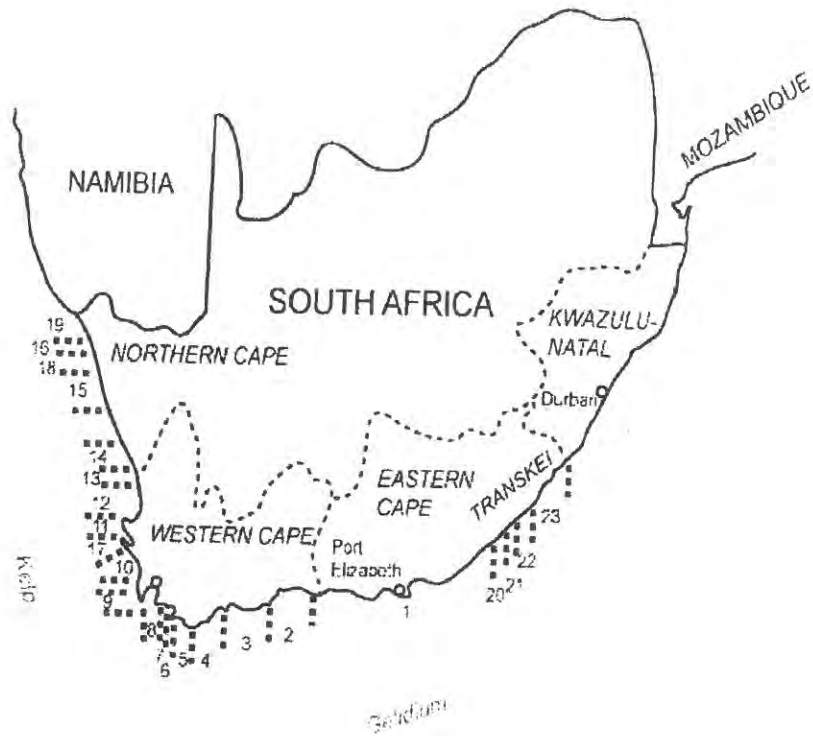


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Department:  
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REPUBLIC OF SOUTH AFRICA

SEAWEED RIGHTS REGISTER COMPILED IN TERMS OF SECTION 12 OF THE MARINE LIVING RESOURCES ACT, 1998 (ACT NO. 18 OF 1998) AND REGULATION 4 PROMULGATED THEREUNDER: FISHING RIGHTS GRANTED											
12	SWDN00002	The Fishing & Manufacture Dev of the Northern Cape	P.O. Box 525, Port Nolloth, 8280	1 Alves Street, Port Nolloth, 8280	2002/024146/08	(027) 851 8430	(027) 851 8432	082 411 3970	lamde@telkomsa.net	Denver Craig Baron	Area 18: Kelp
13	SWDN00284	Verdino 143 (Pty) Ltd	P.O. Box 185, Stompneusbaai, 7382	Portion 21, Duiker Eiland Farm, Britannia Bay, 7382	2005/011443/07	(022) 742 1844	(022) 742 1548	082 457 0645	dwhyte@vca.co.za	Dennis Charles Whyte	Area 10: Kelp. Area 11: Kelp & Gracilaria,
14	SWDM00281	Manbus Industries (Pty) Ltd	P.O. Box 470, St Helena Bay, 7390	Old Midwest Fishing Factory Complex, Main Road, St Helena Bay, 7390	2000/011662/07	(022) 736 1924	(022) 736 1924	0 72 141 0066	manbusindustries@hotmail.com petermulo@qmail.com	Peter Jordan	Area 12: Kelp & Gracilaria, Area 17: Kelp (beach cast) & Gracilaria
<b>Total Allocated</b>										<b>14 Right Holders</b>	<b>28 Rights</b>

Map of Seaweed Rights Areas (SRAs) along the coast of South Africa



**Area 1 (*Gelidium* rights)**

1. Boundaries of Concession Area:

Kei River (32° 40' 28" S, 28° 23' 00" E) to Cape Seal (34° 01' 12" S, 23° 24' 48" E).

2. Functional group/genus/species:

*Gelidium pristoides*, *G. abbotiorum*, *G. amansii*, *G. pteridifolium*  
("G. cartilagineum/G. versicolor")

3. Harvesting/collecting method:

By hand (picking).

4. Maximum Yield:

Not applicable (effort-controlled).

**Area 2 (*Gelidium* rights)**

1. Boundaries of Concession Area:

Cape Seal (34° 01' 12" S, 23° 24' 48" E) to Cape St Blaize (34° 10' 16" S, 22° 05' 30" E).

2. Functional group/genus/species:

*Gelidium pristoides*, *G. abbotiorum*, *G. amansii*, *G. pteridifolium*  
("G. cartilagineum/G. versicolor")

3. Harvesting/collecting method:

By hand (picking).

4. Maximum Yield:

Not applicable (effort-controlled).

**Area 3 (*Gelidium* rights)**

1. Boundaries of Concession Area:

Cape St Blaize (34° 10' 16" S, 22° 05' 30" E) to the eastern bank of the Breede River  
River (34° 24' 00" S, 20° 50' 00" E).

2. Functional group/genus/species:

*Gelidium pristoides*, *G. abbotiorum*, *G. amansii*, *G. pteridifolium*  
("G. cartilagineum/G. versicolor")

3. Harvesting/collecting method:

By hand (picking).

4. Maximum Yield:

Not applicable (effort-controlled).

**Area 4: Mixed beach-cast seaweeds**

1. Boundaries of Concession Area:

Western bank of the Breede River (34° 24' 40" S, 20° 50' 00" E) to Cape Agulhas (34° 49' 40" S, 20° 00' 40" E).

2. Functional group/genus/species:

Mixed beach-cast seaweeds (all species including kelp).

3. Harvesting/collecting method:

Beach-cast seaweeds: all or any parts of beach-cast plants may be collected by hand, shovel, rakes, etc.

No attached seaweeds may be picked.

4. Maximum Yield:

Not applicable (effort-controlled).

**Area 5 (kelp rights)**

1. Boundaries of Concession Area:

Cape Agulhas (34° 49' 40" S, 20° 00' 40" E) to the eastern bank of the Uilenkraal River (34° 36' 24" S, 19° 24' 36" E).

Harvesting exclusion zones. Note that **no kelp harvesting** is permitted in the following areas:

From Oubaai (34° 47' 00" S, 19° 39' 30" E) to Cape Agulhas; from Sandy Point (34° 39' 20" S, 19° 27' 06" E) to the eastern bank of the Uilenkraal River.

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3.a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.

3.b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield:

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 2625 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): a maximum of 0 tonnes per year.

5. Additional conditions:

Harvesters may not use, or be in possession of, underwater breathing apparatus.

**Area 5: mixed beach-cast seaweeds only (excluding kelp)**

1. Boundaries of Concession Area:

Cape Agulhas (34° 49' 40" S, 20° 00' 40" E) to the eastern bank of the Uilenkraal River (34° 36' 24" S, 19° 24' 36" E).

2. Functional group/genus/species

Mixed beach-cast seaweeds, all species **excluding kelp**.

3. Harvesting/collecting method:

Beach-cast seaweeds: all or any parts of beach-cast plants may be collected by hand, shovel, rakes, etc.

No attached seaweeds may be picked.

4. Maximum Yield:

Not applicable: effort-controlled.

5. Additional conditions:

Harvesters may not use, or be in possession of, underwater breathing apparatus.

**Area 6 (kelp rights)**

1. Boundaries of Concession Area:

Western bank of the Uilenkraal River (34° 36' 24" S, 19° 24' 36" E) to the eastern bank of the Mossel River (34° 24' 30" S, 19° 16' 24" E) on the mainland and Dyer Island and its neighbouring reefs.

Harvesting exclusion zones. Note that **no kelp harvesting** is permitted in the following areas:

From Stanford's Cove (34° 34' 06" S, 19° 21' 20" E) to Voorsteklip (34° 31' 00" S, 19° 22' 20" E); from Blousloep (34° 36' 50" S, 19° 23' 18" E) to the western bank of the Uilenkraal River; within 500m of Dyer Island.

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3.a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.

3.b. Harvesting of live (fresh) kelp: In Area 6, **only non-lethal harvesting** of kelp fronds is permitted. Harvesting of fronds must be done by hand, using a knife or sickle. The secondary blades (fronds) must be cut at least 25 cm from their junction with the primary blade. No cutting of the stipe, bulb or primary blade is permitted.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 4592 tonnes fresh weight of kelp fronds may be harvested in one year, comprising 3504 tonnes from mainland kelp beds, and 1088 tonnes from Dyer Island and associated reefs.

5. Additional conditions:

Harvesters may not use, or be in possession of, underwater breathing apparatus.

**Area 7 (kelp rights)**

1. Boundaries of Concession Area:

Western bank of the Mossel River (34° 24' 30" S, 19° 16' 24" E) to the eastern bank of the Bot River estuary mouth (34° 22' 00" S, 19° 06' 00" E).

Harvesting exclusion zones.

Note that **no kelp harvesting** is permitted in the following areas:

From the Hermanus New Harbour (34° 26' 00" S, 19° 13' 30" E) to the western bank of the Mossel River (34° 24' 30" S, 19° 16' 24" E) ; from Skulphoek (34° 26' 10" S, 19° 12' 14" E) to a point in line with the Sandbaai main road (34° 25' 40" S, 19° 11' 37" E) (i.e. within Sandbaai).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3.a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.

3.b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 710 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 1421 tonnes of whole kelp may be harvested in one year.

5. Additional conditions:

Harvesters may not use, or be in possession of, underwater breathing apparatus.



**Appendix h-4.3: Communication to Stakeholders (Interested and affected parties)**

**Scoping notification list**

**WEST COAST RESOURCES-KOINGNAAS AND SAMSONS BAK COMPLEXES-ENVIRONMENTAL IMPACT ASSESSMENT**

**SCOPING REPORT NOTIFICATION LIST FOR THE SUBMISSION OF THE STAKEHOLDER NOTIFICATION LETTER, THE PROJECT ADVERT, AS WELL AS THE REPLY SLIP FOR STAKEHOLDER'S COMMENTS, REGARDING THE SCOPING REPORT FOR THE AMENDMENT OF AN ENVIRONMENTAL MANAGEMENT PROGRAMME AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE ENVIRONMENTAL AUTHORISATION APPLICATION IN SUPPORT OF A MINING RIGHT HELD BY WEST COAST RESOURCES (PTY) LTD, OVER THE KOINGNAAS AND SAMSONS BAK COMPLEXES**

Document Name: WKSCE-CC-Scoping Notification Record  
 Document Status: Rev.1  
 Date: 16 March 2016

Myezo Ref No: WKSCE/2015/02/SNR  
 DMR Ref No: NC0043-MR/102 and NC0044-MR/102



**SCOPING NOTIFICATION RECORD**

The notification list only provides a list of the stakeholders that were notified about the availability of the report, which was provided at strategic places (see copy of emails and notification letters in Appendix h-4.3. This list must be read in conjunction with the distribution list that was created for the distribution of the scoping report. The distribution record provides details of the people who actually received a copy of the report, either as a link or a hard copy.

Copies	Type of copy	Person	Company	Position	Contact details	Revision	Date of notification	Mode of notification	Comment
1	Soft Copy	Willem Goedeman	Namakhoi Local	Councillor	Ward Councillors Email: <a href="mailto:kobusgoedeman@gmail.com">kobusgoedeman@gmail.com</a>	1	16 March 2016	Emailed Notification	On 16 March 2016, a soft copy of the notification letter (an English and

Copies	Type of copy	Person	Company	Position	Contact details	Revision	Date of notification	Mode of notification	Comment
1	Soft Copy	Elsabe Stevens	Municipality (Kleinsee)	Councillor	Contact Number: 076 897 1699 Email: <a href="mailto:elsabestevens@gmail.com">elsabestevens@gmail.com</a>	1	16 March 2016	Emailed Notification	Afrikaans version) were sent, together with an Afrikaans and English version of the reply slips, as well as the advert of 11 March 2016. On 16 March 2016, a soft copy of the notification letter (an English and Afrikaans version) were sent, together with an Afrikaans and English version of the reply slips, as well as the advert of 11 March 2016.
<b>Abalone Ranching Right Holders</b>									
1	Soft Copy	GertLe Roux	Diamond Coast Abalone (Pty) Ltd	Director	Email: <a href="mailto:glr@sun.ac.za">glr@sun.ac.za</a> Contact Number: 0824 208 322	1	16 March 2016	Emailed Notification	On 16 March 2016, a soft copy of the notification letter (an English and Afrikaans version) were sent, together with an Afrikaans and English version of the reply slips, as well as the advert of 11 March 2016.
1	Soft Copy	Quiry Snethlage	Port NollothSea farms Ranching (Pty) Ltd	Owner and Manager	Email: <a href="mailto:qsnehtlage@mweb.co.za">qsnehtlage@mweb.co.za</a> Contact Number: 0825 653 421	1	16 March 2016	Emailed Notification	On 16 March 2016, a soft copy of the notification letter (an English and Afrikaans version) were sent, together with an Afrikaans and English version of the reply slips, as well as the advert of 11 March 2016.

## Postnet Faerie Glen

**From:** Bonita  
**Sent:** Friday, October 02, 2015 12:41  
**To:** 'elsabestevens@gmail.com'; 'elsabestewens@gmail.com'  
**Subject:** FW: Notification of Environmental Impact Assessment (EIA) for West Coast Resources  
**Attachments:** WCR\_LOCALITY MAP.jpg

Dear Elsabe Stevens (Councillor- Kamiesberg Local Municipality)

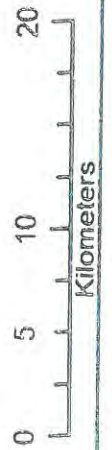
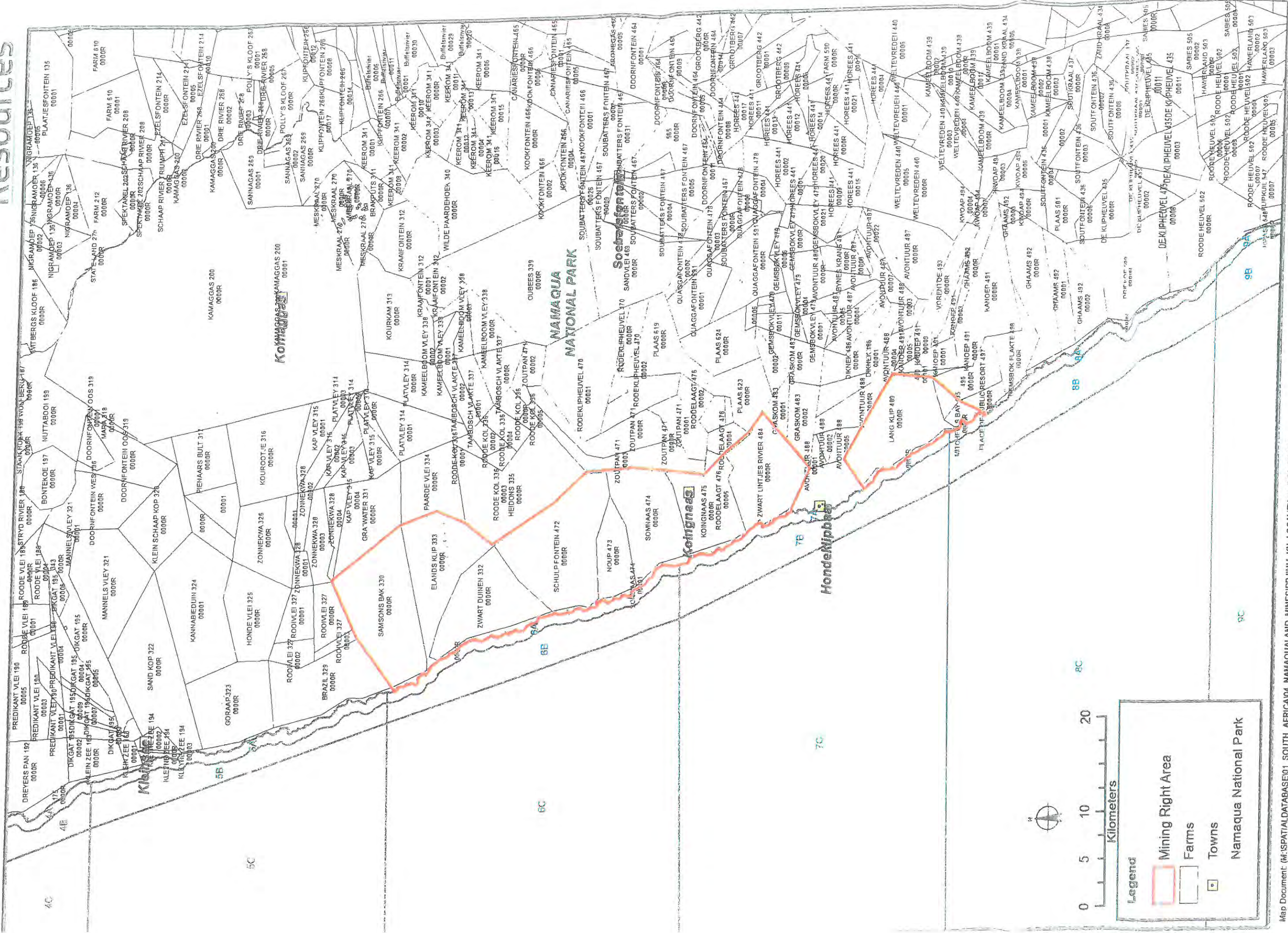
Kindly note that you have been identified as the relevant ward councillor for the study area for the proposed amendment of existing mining rights by West Coast Resources (Pty) Ltd (WCR). WCR, a merger between Trans Hex Operations (Pty) Ltd (Trans Hex), various companies and the Government Sector, intends to re-visit and mine a number of mines on the Namaqualand Coast. WCR are re-establishing diamond mining operations in the existing mining rights areas on the Namaqualand coast, previously mined by De Beers and under the existing mining rights of July 2012, i.e. Koingnaas Mining Right (522MRC) and Samson's Bak Mining Right (525MRC. WCR has existing converted mining rights and prospecting rights over Namaqualand Mines, including a number of properties situated approximately 50 kilometres west of Kamieskroon and extending north and south of Hondeklip Bay on the West Coast of the Northern Cape Province, South Africa. The extent of the mining area is approximately 37 500 ha, as shown in Figure 1: Locality Map.

WCR wants to continue with mining on the areas covered by these rights i.e. with the existing mining rights authorization, with immediate target being the Koingnaas 475 and Michell's Bay areas by 2015 for the areas that will not trigger new listed activities. Before proceeding with the mining operations, a check of what environmental authorizations are covered under these rights was undertaken and this was done in the light of the new legal dispensation, which had culminated into the development of "one environmental system," incorporating Minerals and Petroleum Development Act, Act No. 28 of 2002 (MPRDA), National Environmental Management Act, Act No. 107 of 1998 (NEMA), National Water Act, Act No. 36 of 1998 (NWA) and the National Environmental Management Waste Act, Act No. 59 of 2008 (NEMWA). The current EMPs have, as such, been reviewed to determine, activities which would be deemed to have the existing environmental authorization i.e. existing mining rights, as described under the EMP. The continuation of mining activities that is planned in Namaqualand Mines will be undertaken under these existing mining rights. The triggered listed activities in terms of NEMA, NEM: WA, NWA, which are not covered in the EMP would then require a separate environmental authorization application, which would then be undertaken while the authorized activities are implemented on site during mining.

Myezo Environmental Management Services Pty Ltd (Myezo), has thus been appointed by WCR to undertake the Environmental Impact Assessment (EIA) for the activities that would require environmental authorization. We would therefore appreciate any comments, concerns or issues you have regarding the project. Kindly note that the project is in the initial phase and a detailed Scoping Report and Environmental Impact Assessment Report will be submitted to you in the second and third phase of the EIA.

[bonita@myezo.co.za](mailto:bonita@myezo.co.za) [www.myezo.co.za](http://www.myezo.co.za)





**Legend**

- Mining Right Area
- Farms
- Towns
- Namaqua National Park

### Area 8 (kelp rights)

1. Boundaries of Concession Area:

Western bank of the bank of the Bot River estuary mouth (34° 22' 00" S, 19° 06' 00" E) to Swartklip (34° 04' 29" S, 18° 41' 12" E).

Harvesting exclusion zones.

Note that **no kelp harvesting** is permitted in the following areas:

In the Bettys' Bay Marine Reserve i.e. from Stony Point (34° 22' 28" S, 18° 53' 45" E) to Beacon B4 on the eastern side of Jock Se Baai (Dawidskraal) (34° 21' 24" S, 18° 56' 17" E).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.  
3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 1 024 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 2 048 tonnes of whole kelp may be harvested in one year.

5. Additional conditions:

Harvesters may not use, or be in possession of, underwater breathing apparatus.

### Area 9 (kelp rights)

1. Boundaries of Concession Area:

From Simonstown municipal border at Rocklands (34° 13' 00" S, 18° 28' 00" E) to Klein Koeelbaai near Bakoven (33° 57' 38" S, 18° 22' 20" E).

Permitted harvesting zone:

Kelp harvesting is permitted in the Soetwater/Kommetjie area.

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.

3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield from Soetwater area.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 1 030 tonnes fresh weight of kelp fronds may be harvested in one year OR

Whole kelp plants (fronds plus stipes): A maximum of 2 060 tonnes of whole kelp may be harvested in one year.

#### Area 10 (kelp rights)

1. Boundaries of Concession Area:

South Head, Saldanha (33° 06' 18" S, 17° 57' 18" E) to CCC boundary south of Blouberg (33° 48' 48" S, 18° 28' 00" E).

Harvesting exclusion zone

Note that **no kelp harvesting** is permitted in the following areas:

South Head (33° 06' 18" S, 17° 57' 18" E) to Black Rock (33° 09' 44" S, 18° 01' 20" E), off Dassen Island, off Robben Island.

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.

3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 94 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 188 tonnes of whole kelp may be harvested in one year.

5. Additional conditions:

Harvesters may not use, or be in possession of, underwater breathing apparatus.



**Area 11 (Kelp rights)**

1. Boundaries of Concession Area:

North Head (Schooner Rock), Saldanha (33° 03' 05" S, 17° 54' 36" E) to the southern bank of the Berg River (32° 46' 12" S, 18° 08' 42" E).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.  
3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 1543 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 3085 tonnes of whole kelp may be harvested in one year.

**Area 11 (*Gracilaria* rights)**

1. Boundaries of Concession Area:

North Head (Schooner Rock), Saldanha (33° 03' 05" S, 17° 54' 36" E) to the southern bank of the Berg River (32° 46' 12" S, 18° 08' 42" E).

2. Functional group/genus/species:

Beach-cast *Gracilaria*

3. Harvesting/collecting method:

Beach-cast *Gracilaria* only: all or any parts of beach-cast plants may be collected by hand, rakes, etc.

No harvesting of live (fresh) material by diver is permitted.

4. Maximum Yield.

Not applicable.

## **Area 12 (kelp rights)**

### **1. Boundaries of Concession Area:**

North bank of the Berg River ( 32° 46' 06" S, 18° 08' 48" E) to the southern border of Lambert's Bay (32° 06' 00" S, 18° 18' 12" E) .

### **2. Functional group/genus/species:**

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

### **3. Harvesting/collecting method:**

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.
3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

### **4. Maximum Yield.**

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 25 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 50 tonnes of whole kelp may be harvested in one year.

## **Area 12 *Ulva* and *Porphyra* only**

### **1. Boundaries of Concession Area:**

North bank of the Berg River ( 32° 46' 06" S, 18° 08' 48" E) to the southern border of Lambert's Bay (32° 06' 00" S, 18° 18' 12" E) .

### **2. Functional group/species**

*Ulva* species, *Porphyra* species

### **3. Harvesting/collecting method:**

Picking by hand

### **4. Maximum yield**

A maximum of 1.5 tonnes fresh weight of *Ulva* spp. and 1.5 tonnes of *Porphyra* spp. may be harvested in one year.

### **Area 12 *Gracilaria/Gracilariopsis***

1. Boundaries of Concession Area:

North bank of the Berg River (32° 46' 06" S, 18° 08' 48" E) to the southern border of Lambert's Bay (32° 06' 00" S, 18° 18' 12" E).

2. Functional group/species

*Gracilaria/Gracilariopsis* species – beach-cast material only

3. Harvesting/collecting method:

By hand, rakes, forks, mechanical means, etc.

No harvesting of attached *Gracilaria/Gracilariopsis* from the subtidal zone is permitted.

4. Maximum Yield.

No limit.

### **Area 13 (kelp rights)**

1. Boundaries of Concession Area:

Groothoek Bay (31° 54' 36" S, 18° 16' 22" E) to the southern bank of the Olifant's River (31° 42' 36" S, 18° 11' 15" E).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.

3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 57 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 113 tonnes of whole kelp may be harvested in one year.

#### **Area 14 (kelp rights)**

1. Boundaries of Concession Area:

Northern bank of the Olifant's River (31° 42' 04" S, 18° 11' 15" E) to the southern bank of the Groen River (30° 51' 00" S, 17° 34' 36" E).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.  
3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 310 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 620 tonnes of whole kelp may be harvested in one year.

#### **Area 15 (kelp rights)**

1. Boundaries of Concession Area:

Security fence at Mitchell's Bay near the mouth of the Spoeg River (30° 27' 54" S, 17° 21' 22" E) to the angling club slipway at Kleinzee (29° 42' 48" S, 17° 03' 24" E).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.  
3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 1100 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 2200 tonnes of whole kelp may be harvested in one year.

#### **Area 16 (kelp rights)**

1. Boundaries of Concession Area:

Northern border of the farm Oubeep south of McDougall's Bay (29° 19' 45" S, 16° 54' 38" E) to the border of the proclaimed State Alluvial Diggings just north of Port Nolloth (29° 13' 56" S, 16° 51' 15" E).

2. Functional group/genus/species:

Kelp (*Ecklonia maxima* and *Laminaria pallida*)

3. Harvesting/collecting method:

3. a. Beach-cast kelp: all or any parts of beach-cast plants may be collected by hand.  
3. b. Harvesting of live (fresh) kelp: by hand, using a knife or sickle, using a diver or from a boat or the shore. No kelp plants with a stipe less than 50cm long may be cut or harmed.

4. Maximum Yield.

Beach-cast kelp: no limit.

Kelp fronds: A maximum of 310 tonnes fresh weight of kelp fronds may be harvested in one year, OR

Whole kelp plants (fronds plus stipes): A maximum of 620 tonnes of whole kelp may be harvested in one year.

#### **Area 16 *Ulva* and *Porphyra* only**

1. Boundaries of Concession Area:

North bank of the Berg River (32° 46' 06" S, 18° 08' 48" E) to the southern border of Lambert's Bay (32° 06' 00" S, 18° 18' 12" E) .

2. Functional group/species

*Ulva* species, *Porphyra* species

3. Harvesting/collecting method:

Picking by hand

4. Maximum yield

A maximum of 2 tonnes fresh weight of *Ulva* spp. and 2 tonnes of *Porphyra* spp. may be harvested in one year.