

### Environmental impact assessment process

Triggered listed activities as per National Environmental Management Act, 1998 (Act No.107 of 1998)

Number and date of relevant notice:	Activity No (s) (in terms of the relevant notice):	Description of listed activity as per legislation	Description of project activity
Act No. 107 of 1998	Activity No. 11 (1) (b)	The development and related operation of (1) industrial buildings or structures, (2) any other structures, infrastructure or, before the date of the notice, including (3) development of facilities, infrastructure or any other infrastructure pursuant to (1) the Environmental Management Act, 1998 (Act No. 107 of 1998) and (2) any other legislation, and where such development or operation is likely to have a significant impact on the environment, and where such development or operation is likely to have a significant impact on the environment.	The construction of industrial buildings or other structures.

**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
Environmental Services

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### Environmental impact assessment process cont.

Triggered listed activities as per National Environmental Management Act, 1998 (Act No.107 of 1998)

Number and date of relevant notice:	Activity No (s) (in terms of the relevant notice):	Description of listed activity as per legislation	Description of project activity
Act No. 107 of 1998	Activity No. 11 (1) (c)	Any activity requiring the operation of any other building, structure or works, or any other infrastructure, which is listed in the Schedule 1 of the Environmental Management Act, 1998 (Act No. 107 of 1998) and which is likely to have a significant impact on the environment, and where such development or operation is likely to have a significant impact on the environment, and where such development or operation is likely to have a significant impact on the environment.	The construction of other infrastructure, including roads, bridges, and other structures, which are listed in the Schedule 1 of the Environmental Management Act, 1998 (Act No. 107 of 1998).

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### Environmental impact assessment process cont.

Triggered listed activities as per National Environmental Management Act, 1998 (Act No.107 of 1998)

Number and date of relevant notice:	Activity No (s) (in terms of the relevant notice):	Description of listed activity as per legislation	Description of project activity
Act No. 107 of 1998	Activity No. 11 (1) (d)	Any activity involving the operation of any other building, structure or works, or any other infrastructure, which is listed in the Schedule 1 of the Environmental Management Act, 1998 (Act No. 107 of 1998) and which is likely to have a significant impact on the environment, and where such development or operation is likely to have a significant impact on the environment.	Construction of other infrastructure, including roads, bridges, and other structures, which are listed in the Schedule 1 of the Environmental Management Act, 1998 (Act No. 107 of 1998).

**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
Environmental Services

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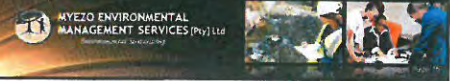
### Environmental impact assessment process cont.

- (4) An application for a coastal [lease or coastal concession] use permit must be lodged in the prescribed manner.
- (5) A coastal [lease or coastal concession] use permit awarded in terms of this Chapter does not relieve the [lessee or concessionaire] holder thereof from the obligation to—
  - (a) obtain any other coastal authorisation that may be required in terms of other legislation; or
  - (b) comply with any other legislation.

Section 69. (1) No person may discharge effluent that originates from a source on land into coastal waters except in terms of a general authorisation contemplated in subsection (2) or a coastal waters discharge permit issued under this section by the Minister after consultation with the Minister responsible for water affairs in instances of discharge of effluent into an estuary.

(2) The Minister may by notice in the Gazette authorise persons in general, or a category of persons, to discharge effluent into coastal waters, and in instances of discharge of effluent into an estuary, only after consultation with the Minister responsible for water affairs.

(3) Any person who wishes to discharge effluent into coastal waters in circumstances that are not authorised under a general authorisation referred to in subsection (2) must apply to the Department for a coastal waters discharge permit.




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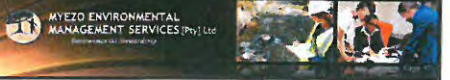
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### Environmental impact assessment process cont.

- National Environmental Management Waste Act, 2008 (Act 59 of 2008)
- National Water Act, 1998 (Act No. 36 of 1998)
- Seabird and Seals Protection Act (46/1973)
- Sea Fisheries Act (12/1988)
- Dumping at Sea Control Act (73/1980)
- Marine Pollution (Prevention of Pollution from Ships) Act (2/1986)
- Marine Pollution (Intervention) Act (64/1987)
- Marine Traffic Act (2/1981)
- Maritime Zones Act (15/1994)
- Merchant Shipping Act (51/1951)
- Prevention and Combating of Pollution of the Sea by Oil Act (6/1981)
- Ship Registration Act (58/1998)
- South African Maritime Safety Authority Act (5/1998)
- South African Maritime Safety Authority Levies Act (6/1998)




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### Potential impacts associated with proposed project



Possible impacts	Description
The total suspended solids (TSS) discharges of coastal plants could impact on the reproduction of juvenile fish, for example.	Coastal water taking requires a water abstraction of effluents from estuaries, rivers into the port area. It is likely that suspended solids, the presence of which may be detrimental to the reproduction of fish larvae in these habitats and risk of other contaminants, as the density of the effluent (water, sea water) is considerably higher than seawater.
	The presence of effluents from industrial plants could result in potential impacts of acid and other toxic (highly toxic) heavy metals on the surrounding environment.

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**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
Environmental Stewardship

### Potential impacts associated with proposed project

Possible impacts	Description
<p>Due to the presence of the tallage...</p>	<p>Due to the tallage will impact on vegetation...</p>

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**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
Environmental Stewardship

### Potential impacts associated with proposed project

Possible impacts	Description
<p>Due to the presence of potential and sublethal...</p>	<p>The temperature of each 40-litre...</p>

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**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
Environmental Stewardship

### Potential impacts associated with proposed project

Possible impacts	Description
<p>Due to the presence of soil...</p>	<p>During the proposed site construction...</p>

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 MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
*Environmental Sustainability*

### Potential impacts associated with proposed project

Possible impacts	Description
<p>Threats to the survival of the species of the area and the habitat of the area.</p>	<p>While the main environmental impact of the proposed project is the loss of the habitat of the area, the impact of the project on the species of the area is also a concern. The impact of the project on the species of the area is also a concern. The impact of the project on the species of the area is also a concern.</p>

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 MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
*Environmental Sustainability*

### Potential impacts associated with proposed project

Possible impacts	Description
<p>Threats to the survival of the species of the area and the habitat of the area.</p>	<p>While the main environmental impact of the proposed project is the loss of the habitat of the area, the impact of the project on the species of the area is also a concern. The impact of the project on the species of the area is also a concern.</p>

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 MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
*Environmental Sustainability*

### Potential impacts associated with proposed project

Possible impacts	Description
<p>Threats to the survival of the species of the area and the habitat of the area.</p>	<p>While the main environmental impact of the proposed project is the loss of the habitat of the area, the impact of the project on the species of the area is also a concern. The impact of the project on the species of the area is also a concern.</p>

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### Provisional list of interested and affected parties

- Landowners, land occupiers and adjacent landowners
- Coastal lease holders
- National authorities
- Provincial authorities
- Local authorities
  - Ward councillors
- Specialist interest groups
- Authorities responsible for power lines, public roads or railway lines within 100m of the site
- NCOs and CBOs
- Business and Industry
- Service providers
- Media

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**PROVISIONAL LIST OF INTERESTED AND AFFECTED PARTIES**

Category	Name	Contact Person	Phone	Email	Address
Landowners	...	...	...	...	...
Coastal lease holders	...	...	...	...	...
National authorities	...	...	...	...	...
Provincial authorities	...	...	...	...	...
Local authorities	...	...	...	...	...
Specialist interest groups	...	...	...	...	...
Authorities responsible for power lines	...	...	...	...	...
NCOs and CBOs	...	...	...	...	...
Business and Industry	...	...	...	...	...
Service providers	...	...	...	...	...
Media	...	...	...	...	...

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Organization	Member	Telephone Numbers
1. Environmental South Africa	...	011 708 1247
2. Department of Agriculture, Land Affairs and Rural Development	...	011 907 1934
3. Department of Environmental Affairs	...	011 717 1711
4. Department of Environmental Affairs	...	011 907 1934
5. Department of Environmental Affairs	...	011 907 1934
6. Department of Environmental Affairs	...	011 907 1934
7. Department of Environmental Affairs	...	011 907 1934
8. Department of Environmental Affairs	...	011 907 1934
9. Department of Environmental Affairs	...	011 907 1934
10. Department of Environmental Affairs	...	011 907 1934
11. Department of Environmental Affairs	...	011 907 1934
12. Department of Environmental Affairs	...	011 907 1934
13. Department of Environmental Affairs	...	011 907 1934
14. Department of Environmental Affairs	...	011 907 1934
15. Department of Environmental Affairs	...	011 907 1934
16. Department of Environmental Affairs	...	011 907 1934
17. Department of Environmental Affairs	...	011 907 1934
18. Department of Environmental Affairs	...	011 907 1934
19. Department of Environmental Affairs	...	011 907 1934
20. Department of Environmental Affairs	...	011 907 1934

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**Project Schedule**

MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
Environmental Technology

**Key Role Players**

- Myezo
- DMR
- Stakeholders and interested and affected parties (I&APs)

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**Project Schedule cont.**

**Phase 1**  
Project initiation (Completed) → 23 February 2015 - 25 February 2015

**Phase 2**  
Authority pre-consultation meeting and data collection → 26 February 2015 - 10 March 2015  
Input from DMR with regards to EIA process

**Phase 3**  
Scoping phase  
Application submission: 16 March 2015  
Stakeholder engagement: 01 April - 05 May 2015  
Submission of scoping report: 8 May 2015

Review of Scoping Report (01 April - 05 May 2015)

Review of Scoping Report (11 May - 25 June 2015)

MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
Environmental Technology

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graph TD; P1[Phase 1: Project initiation (Completed) 23 Feb - 25 Feb 2015] --> P2[Phase 2: Authority pre-consultation meeting and data collection 26 Feb - 10 Mar 2015]; P2 --> P3[Phase 3: Scoping phase]; P3 --> R1[Review of Scoping Report 01 Apr - 05 May 2015]; P3 --> R2[Review of Scoping Report 11 May - 25 Jun 2015];
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**Project Schedule cont.**

**Phase 4**  
Submission of environmental impact assessment report, closure plans and environmental management programme → 16 October 2015

Review of reports (15 September - 5 October 2015)

Review of reports (19 October 2015 - 26 February 2016)

Receipt of environmental authorisation (2 March 2016)

**Phase 5**  
Notification of environmental authorisation to I&APs (14 days) → 2 March 2016 - 5 April 2016

Appeal period (29 days) (17 March - 5 April 2016)

MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
Environmental Technology

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graph TD; P4[Phase 4: Submission of environmental impact assessment report, closure plans and environmental management programme 16 Oct 2015]; P4 --> R1[Review of reports 15 Sep - 5 Oct 2015]; P4 --> R2[Review of reports 19 Oct 2015 - 26 Feb 2016]; R1 --> A[Receipt of environmental authorisation 2 Mar 2016]; R2 --> A; A --> P5[Phase 5: Notification of environmental authorisation to I&APs 14 days 2 Mar 2016 - 5 Apr 2016]; P5 --> AP[Appeal period 29 days 17 Mar - 5 Apr 2016];
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MYEZO ENVIRONMENTAL  
MANAGEMENT SERVICES (Pty) Ltd  
Environmental Consulting

### Issues requiring clarification

- Determination of setback line (to be supplied by DENC)
- Coastal lease holders (Coastal Management Unit of DENC)
- Fishing permit holders
- Procedure for the awarding of coastal (leases and concessions) coastal use permits on coastal public property

Page 27

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MYEZO ENVIRONMENTAL  
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### Way forward

- Incorporation of issues/concerns raised (minutes to be distributed to all attendees)
- Submission of application form
- Continuation of EIA process

Page 28

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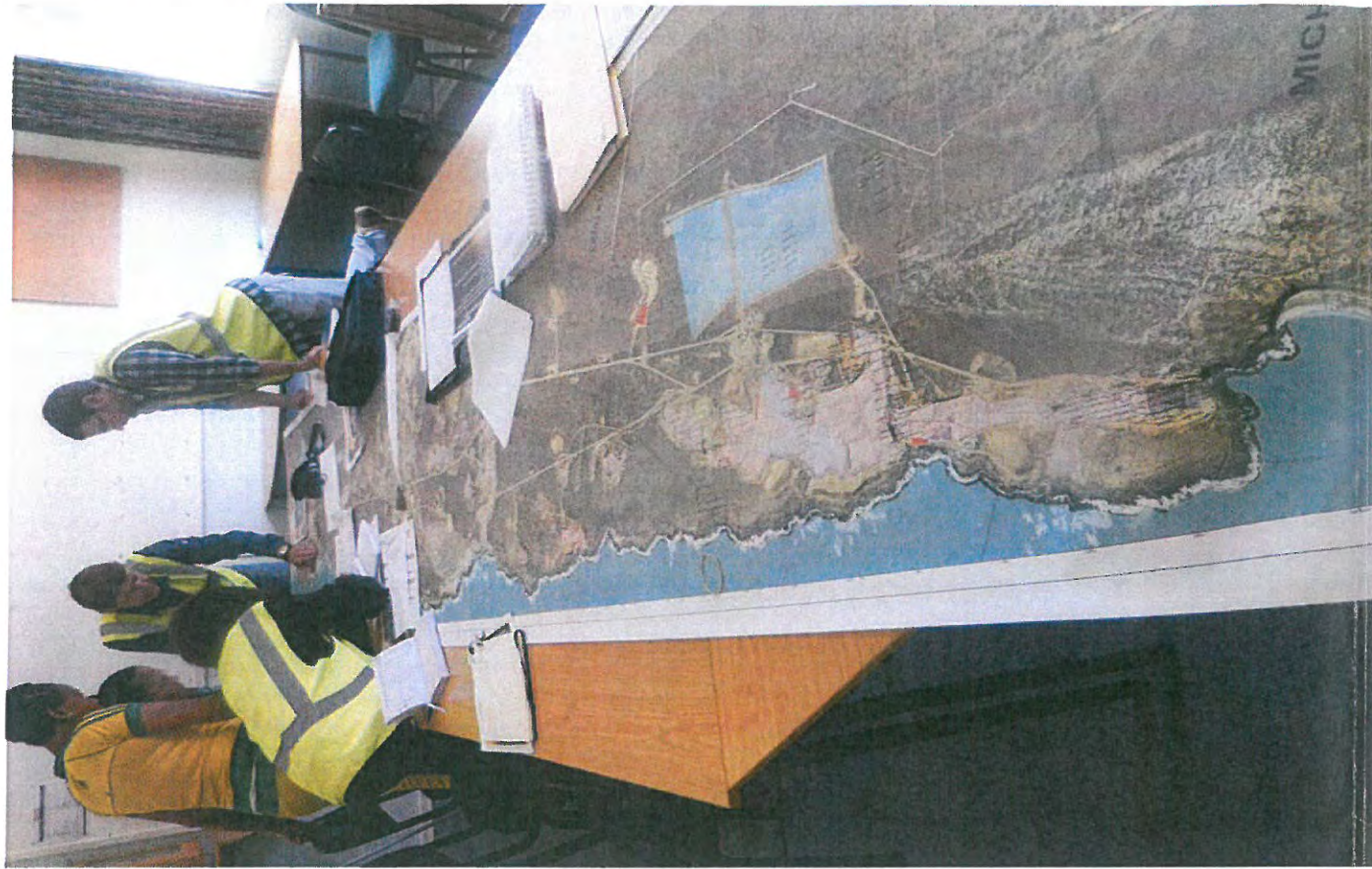
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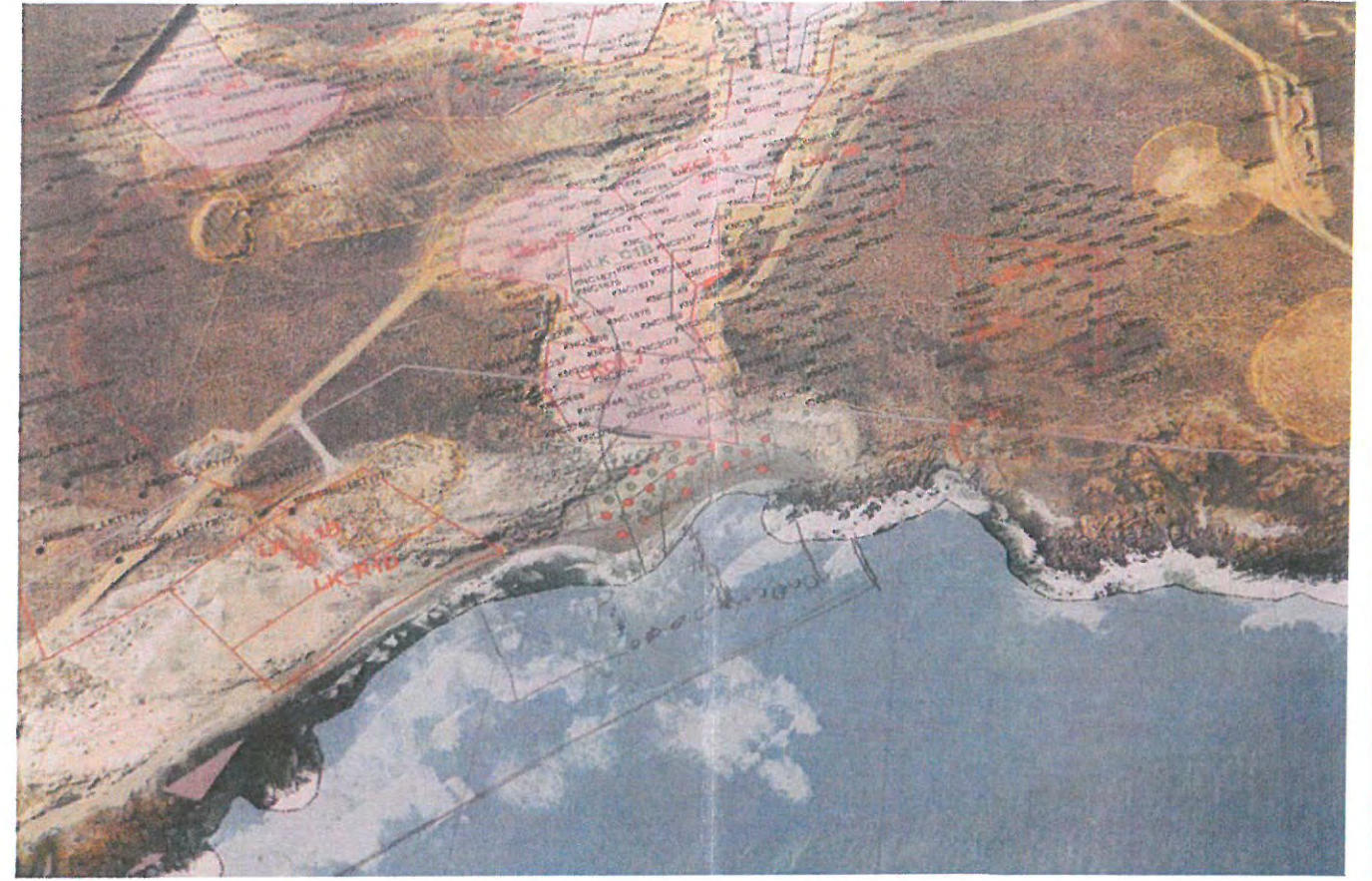
Appendix 3; Photographic view of the maps showing the proposed sites



PICTURES OF ORTHOGRAPHIC MAPS FOR STUDY AREA - WEST COAST RESOURCES (PTY) LTD-NAMAQUALAND MINE COFFER DAMS EIA



Map showing the six different zones to be mined



Proposed mining to be undertaken at Langklip Bay



Proposed mining to be undertaken at Michells Bay



Proposed mining to be undertaken at Langklip Bay



PICTURES OF ORTHOGRAPHIC MAPS FOR STUDY AREA - WEST COAST RESOURCES (PTY) LTD-NAMAQUALAND MINE COFFER DAMS EIA



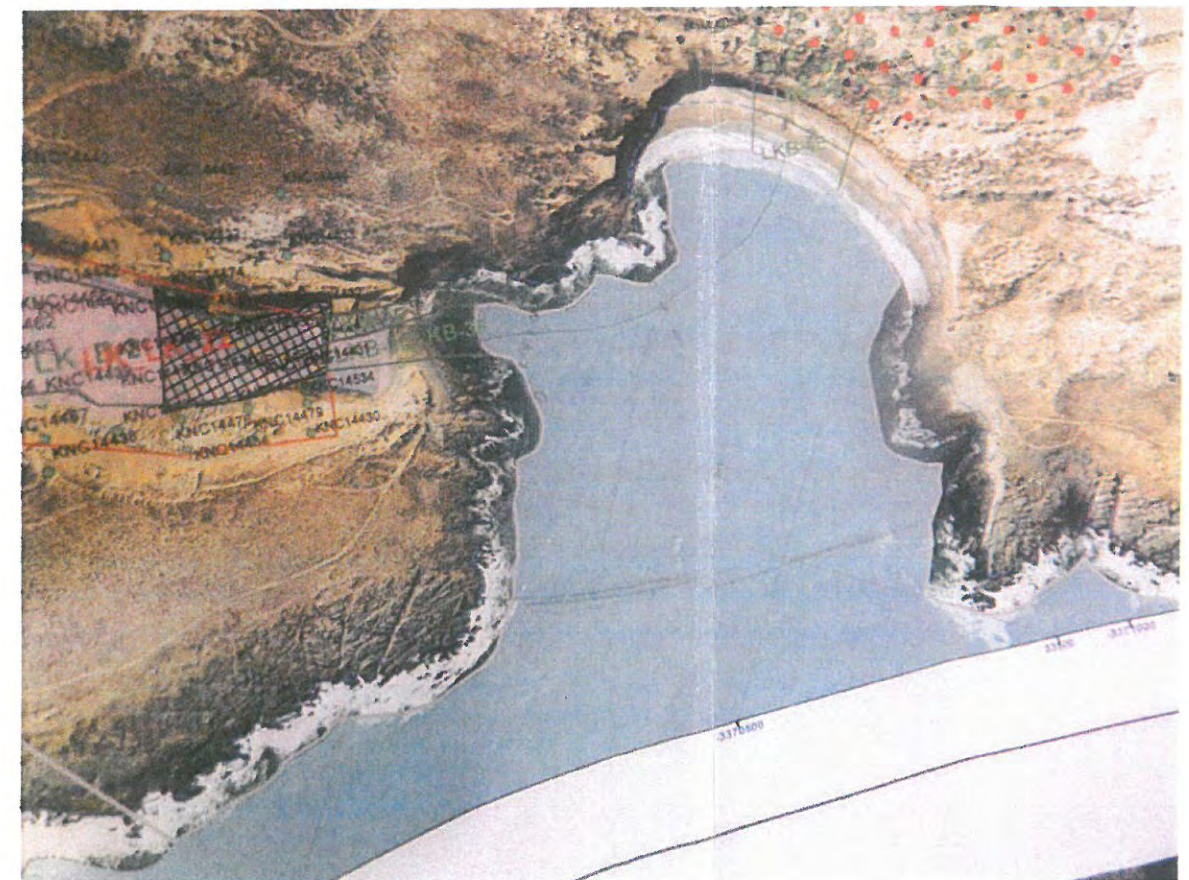
Proposed mining to be undertaken at Stokbreekbaai



Proposed mining at Visbeenbaai



Proposed mining to be undertaken at Somnaasbaai



Proposed mining to be undertaken at Michells Bay



Appendix 4; Map illustration of photographs of points visited

West Coast  
Resources



# MYEZO ENVIRONMENTAL MANAGEMENT SERVICES

*Environmental Stewardship*

*WEST COAST RESOURCES – KOIGNAAS AND SAMSON'S BAK COMPLEXES- ENVIRONMENTAL IMPACT  
ASSESSMENT*

*ACCEPTANCE OF PROCEEDINGS OF THE DISCUSSION MEETING WITH DEPARTMENT OF MINERAL  
RESOURCES FOR WEST COAST RESOURCES NAMAQUALAND MINE EIA, AT ITS NAMAQUALAND MINE IN  
NORTHERN CAPE*

*Document Name: WNE- PI-Meetings – Acceptance of Proceedings of the Meeting held with DMR on 10  
March 2015*

*Date: 10 March 2015*

*Myezo Ref Number: WNE 2015/03/AP*

Tel: 012 998 7642 | Fax: 012 998 7641 | C: 082 772 2418 | email: [babalwa@myezo.co.za](mailto:babalwa@myezo.co.za)

Postnet Suite B165, Private Bag X18, Lynnwood Ridge, 0040, Pretoria, South Africa 1250

645 Jacqueline Drive, Garsfontein, 0081, Pretoria, South Africa





**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

**WEST COAST RESOURCES-NAMAQUALAND MINE -ENVIRONMENTAL IMPACT ASSESSMENT**

**ACCEPTANCE OF THE PROCEEDINGS OF THE MEETING HELD WITH DEPARTMENT OF  
MINERAL RESOURCES FOR WEST COAST RESOURCES NAMAQUALAND MINE EIA, AT ITS  
NAMAQUALAND MINE IN NORTHERN CAPE**

**Document Name: WNE-PI-Meetings-Acceptance of the Proceedings**

**DMR Ref: (SNC) 522 MRC, (SNC) 525 MRC**

**Myezo Ref: WNE 2015/03/PA**

These are proceedings of meeting held as follows:

- **Date:** 10 March 2015
- **Time:** 10:00 hrs
- **Venue:** Namaqualand Mine, Koingnaas (Meeting was followed by a site visit at Namaqualand Mine – Langklip Bay, Michells Bay, Swartlintjes River, Koingnaas, and Somnaasbaai )

As attended by attendees listed under Appendix 1 of these same proceedings, are hereby being adopted as a true reflection of this discussion held on this day.

Accepted by: Kinda Njema

Designation: Assistant Director: Environment

Date: 06/05/2015

Signature: [Handwritten Signature]

**Appendix h-5.3.4: DEA**

## Athi Xwayi

---

**From:** MichellePR <MichellePR@daff.gov.za>  
**Sent:** 12 October 2015 10:03 AM  
**To:** Bonita  
**Subject:** RE: Proceedings of Meeting Held with DEA for West Coast EIA  
**Attachments:** scan0001.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Bonita

Please find attached my letter of acceptance of the minutes.  
Kindest regards  
Michelle

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**From:** Bonita [mailto:bonita@myezo.co.za]  
**Sent:** 07 October 2015 05:25 PM  
**To:** arthie.xwayi@gmail.com  
**Subject:** Proceedings of Meeting Held with DEA for West Coast EIA

Dear Interested and Affected Party,

We wish to express our gratitude for the opportunity to share information with you concerning the West Coast Resources (WCR) project. Attached, kindly receive the proceedings of the meeting held with the Department of Environmental Affairs on 18 September 2015, for the WCR Namaqualand Mines environmental impact assessment (EIA) process, for your review and comments. Included as Attachments to the aforementioned proceedings, is the Attendance Register and the Slide Presentation. For your convenience, the Attachments are structured as follows:

- Attachment 1- Attendance Register
- Attachment 2- Slide Presentation

Your attention is also drawn to the attached Letter of Acceptance. Should you find the above mentioned to be a true reflection, please sign-off and return the acceptance of the proceedings, (refer to the attached WNE-DEA-Acceptance (07-Oct-2015)). Kindly ensure that you submit your signed acceptance by end of business on Monday, 12 October 2015, if all is in order. Your prompt response would be appreciated.

Kind Regards,

**Bonita Mtengwa**  
Environmental Manager  
M +27 76 125 0955 | T +27 12 998 7642 | F + 27 12 998 7641  
E [bonita@myezo.co.za](mailto:bonita@myezo.co.za) | [www.myezo.co.za](http://www.myezo.co.za) |





**West Coast  
Resources**



# **MYEZO ENVIRONMENTAL MANAGEMENT SERVICES**

*Environmental Stewardship*

*WEST COAST RESOURCES - NAMAQUALAND MINES - ENVIRONMENTAL IMPACT ASSESSMENT*

*PROCEEDINGS OF THE MEETING FOR ENVIRONMENTAL IMPACT ASSESSMENT OVER THE EXISTING MINING  
RIGHT AREAS FOR KOINGNAAS RIGHT, SAMSON'S BAK RIGHT AND NAMAQUALAND PROSPECTING RIGHT,  
NAMAQUALAND MINES, IN NORTHERN CAPE*

*Document Name: WNE-PI-Meetings-Proceedings of the Meeting held with Department of  
Environmental Affairs (DEA) (Oceans and Coast) on 18 September 2015*

*Document Status: Rev. 1*

*Date: 23 September 2015*

*Myezo Ref Number: WNE 2015/02/M*

Tel: 012 998 7642 | Fax: 012 998 7641 | C: 082 772 2418 | email: babalwa@myezo.co.za

Postnet Suite B165, Private Bag X18, Lynnwood Ridge, 0040, Pretoria, South Africa 1250



**Table of Contents**

<b>1. Welcome and Introduction.....</b>	<b>3</b>
<b>2. Attendance and Apologies .....</b>	<b>3</b>
<b>3. Objectives of the meeting.....</b>	<b>3</b>
<b>4. Discussion and Presentation .....</b>	<b>4</b>
4.1.	
Background.....	4
4.2. Presentation.....	5
<b>5. Meeting Discussions.....</b>	<b>8</b>
<b>6. Way forward .....</b>	<b>22</b>
<b>7. Closure .....</b>	<b>22</b>

**List of Tables**

<b>Table 4-1: Table showing preliminary information sharing meetings.....</b>	<b>5</b>
<b>Table 5- 1: Meeting discussions.....</b>	<b>8</b>

**Attachments**

Attachment 1: Attendance Register

Attachment 2: Slide Presentation



# 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, Garfontein, 0081  
Pretoria, South Africa

## WEST COAST RESOURCES – NAMAQUALAND MINES - ENVIRONMENTAL IMPACT ASSESSMENT

### **PROCEEDINGS OF THE MEETING FOR ENVIRONMENTAL IMPACT ASSESSMENT OVER THE EXISTING MINING RIGHT AREAS FOR KOINGNAAS RIGHT, SAMSON'S BAK RIGHT AND NAMAQUALAND PROSPECTING RIGHT, NAMAQUALAND MINES, IN NORTHERN CAPE**

*Document Name: WNE-PI-Meetings-Proceedings of the Meeting held with Department of  
Environmental Affairs (Oceans & Coast)*

**Myezo Ref:** WNE 2015/02/M

**Date:** 18 September 2015

**Time:** 10h40-13h25

**Venue:** Department of Environmental Affairs (Oceans & Coast), Cape Town

#### **1. Welcome and Introduction**

Dr. Alan Boyd (AB), as the chairperson representing the Department of Environmental Affairs (DEA), welcomed all the meeting attendees, and introductions were done as outlined in the attendance register, incorporated as Attachment 1.

#### **2. Attendance and Apologies**

A list of attendees is provided as Attachment 1. Apologies were made by AB on behalf of Mr Lindelani Mudau (LM) of Department of Environmental Affairs. Due to other unforeseen pertinent matters, LM and most of other stakeholders, could not attend the meeting.

#### **3. Objectives of the meeting**

The objectives of the meeting were presented as follows:

- To inform stakeholders and authorities i.e. Department of Environmental Affairs (Oceans & Coast) about the proposed project;
- To clarify legislative and administrative requirements;
- To gather issues and concerns concerning the project and ensure that they are addressed in the succeeding Environmental Impact Assessment (EIA);
- To present anticipated project timeframe timelines.



## 4. Discussion and Presentation

### 4.1. Background

Bertus Cilliers (BC) of West Coast Resources (Pty) Ltd (WCR) gave a background on WCR and some of the involved shareholders. BC indicated that De Beers Consolidated Mines (DBCM) previously owned the land rights on the project area, whilst Trans-Hex Operations (Pty) Ltd (Trans-Hex) owned the Sea Concession rights (Sea Concession 5 (a), 6 (a) and 7 (a)). De Beers had put up its Namaqualand Mines for sale. The process of acquiring this mine by Trans-Hex commenced in 2010 and was finally through in October 2014. This purchase would now enable WCR, through a relationship agreement with Trans-Hex to exploit the resources that would require support structures which would extend further below the low water mark, such as coffer dams. BC further indicated that WCR comprised of a merger between Trans-Hex, various companies and the government sector. The transaction was funded by the Industrial Development Corporation (IDC) and the drive for the purchase is also job creation.

BC stated that WCR intends to re – establish diamond mining operations in the Koingnaas area previously mined by De Beers. BC also stated that the mining will commence immediately with the immediate target areas being the currently authorized mining right areas comprising of the Koingnaas Right, Samson's Bak Right and Namaqualand Prospecting Right areas. WCR is in the process of acquiring Namagroen rights further south in the Sea Concessions 8 (a), 9 (a) and 10 (a) and to provide the context on the status of the various rights and the new mining and the planned environmental authorization. It was shared that the De Beers mining had been going on for about 80 years over the same areas of current interest. It was then clarified that mining would commence for those activities that are currently authorized under the existing mining rights. BC emphasized on the activities that would require environmental authorization like the construction of coffer dams. An Environmental Impact Assessment (EIA) would be undertaken prior to these activities being undertaken. A series of A3 to A1 maps were used to illustrate locality. BC further stated that the current licence allows for mining up to the low water mark. BC indicated that they would typically only build about two coffer dams per year, and the dams would extend to about 100 – 200 m offshore. BC also stated that desktop marine baseline studies had been undertaken by Andrea Pulfrich and engineering studies for the design of structures had been done by WSP Group.

Babalwa Fatyi (BF) gave a background on the project and indicated that WCR had existing converted mining rights and prospecting rights over Namaqualand Mines, including the Koingnaas Right (KNR), Samson's Bak Right (SBR) and Namaqualand Prospecting Right (NPR). She indicated that WCR wants to continue with mining on the areas covered by these rights, with immediate target being the Koingnaas and Michell's Bay areas by 2015 for the areas that will not trigger new listed activities. However, for the activities that trigger listed activities an EIA would need to be undertaken before the commencement of activities.

BF provided a brief purpose of the meeting and highlighted that this was a pre consultation/information sharing meeting for the proposed project. The application has not yet been submitted with the competent

authority, Department of Mineral Resources (DMR). The application would be lodged as an amendment process to an existing environmental authorization.

A pre-consultation meeting had been held with DMR in March 2015. The DMR is now the competent authority for environmental authorisations. DMR, however, recommended that the commenting authorities be engaged upfront. This meeting is as such an information sharing meeting to ensure that DEA has input into the design and the process approach regarding environmental authorization and their interests are considered in the desktop marine baseline specialist studies.

The meeting was part of a series of meetings held with other commenting authorities as listed in Table 4-1 below.

**Table 4-1: Table showing preliminary information sharing meetings**

Date	Department
14 September 2015	Department of Agriculture, Forestry and Fisheries ( Cape Town )
15 September 2015	Department of Environment and Nature Conservation (Springbok)
18 September 2015	Department of Environmental Affairs (Oceans and Coast )(Cape town)

#### 4.2. Presentation

The presentation that was delivered at the meeting is provided as Attachment 2 and it was structured as outlined below. The key presentation discussion points are provided under respective headings.

- Welcome and introduction
- Objectives of the meeting
- Background on the project
  - Project description

Project description with focus on mining methods and alternatives that are proposed, processing, residue management facilities, as well as rehabilitation considerations was provided.

The planned methodology regarding coffer dams designs and operation was explained with visuals and examples of pictures on the slide show were utilized. It was requested that for future presentations, maps and pictures should be incorporated in the slide show. This process is provided in slide number 11 – 26 of Attachment 2.

- Potential Environmental Impacts (Slide number 27 – 29 of Attachment 2)
  - Specialist studies

The potential environmental impacts that are anticipated were indicated, with the aim of facilitating further thought process around other potential impacts and to build terms of reference for the specialists. The specialist investigations undertaken to date and outcomes were highlighted.

- EIA approach (Slide number 30 – 62 of Attachment 2)
  - Listed Activities that are anticipated for the operation.
  - Expected time frames for various project activities and the linkages with the EIA process.

- Stakeholder roles and the various inputs that would be expected during each project stage as well as facilitated engagements that are envisaged and the methodology to be employed for such.
- Previous meetings were held with other key stakeholders and their input was considered. Of key interest, were the outcomes of the meetings that were held with other commenting authorities on the EIA process. The meeting outcomes from the other meeting were outlined and are provided below, even though they are part of Attachment 2 to contextualise the next Session 5 in these proceedings.
- The discussion session which was facilitated by AB and focused on inclusion of all the various strategies and considerations of the subsequent EIA phases. The outcomes of these meetings are provided in Section 4.2.1.
- Way forward
- Closure

#### **4.2.1 Outcomes of Previous Meetings Held on 14 and 15 September 2015**

- An open discussion about the potential conflict with marine aquaculture activities e.g. Abalone ranching, kelp harvesting and other right holders along the coastal area.
- An explanation on impacts of mining on marine aquaculture activities and other coastal users including impacts of turbidity, impacts on stock and harvesting rates of aquaculture, and impacts on sea water abstraction points for aquaculture activities.
  - ✓ The agreement that all marine aquaculture businesses and concession holders, within the project area will be notified of the project and included in the interested and affected parties (IAP) register. The impacts of mining, both negative and positive, on the marine aquaculture activities will be assessed during the EIA process.
- Concerns were raised with regards to the need for creation of public access to the coast
  - ✓ Discussions are currently underway with Sanparks and Trans-Hex has submitted a Section 11 application to relinquish 80-90% of their rights and give these up for the Marine Protected Areas (MPAs).
- Concerns were raised regarding impacts on water quality including sea water quality
  - ✓ It was recommended that hydrology and geohydrological studies input be provided.
- A discussion was made with regards to the impacts on benthic flora communities



- ✓ Previous research undertaken by Andrea Pulfrich (Pisces Report, 2004) was utilised, desktop marine baseline studies by Andrea Pulfrich were also undertaken in July 2015.
- Input was given with regards to the need for the development of an Estuarine Management Plan for the affected estuaries i.e. Buffelsriver, Swartlintjeesriver.
  - ✓ It was recommended that the Estuary Management Plan for Orange River can be used as a guideline.
- Impacts on heritage sites were discussed
  - ✓ The Heritage studies previously undertaken by Trans-Hex for Sea Concession 7(a) will be used.
- Agreement that the Northern Cape Nature Conservation Act and National Environmental Biodiversity Act should be observed with regards to identified critical biodiversity areas and clearance of vegetation in these areas.
- Discussion on the rehabilitation measures that should be implemented
  - ✓ Resolution that naturally assisted rehabilitation measures will be utilised.
- Agreement that the draft reclamation of land from the sea Regulations would be provided by the Department of Environment and Nature Conservation (DENC)
- Issues with regards to discharge permits with DEA (Oceans and Coast) will be clarified

## 5. Meeting Discussions

The discussions that were held during the meeting are covered under Table 5-1 below.

**Table 5- 1: Meeting discussions**

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
1. Identification of Marine Protected Areas (MPA)	As part of contextualizing the project role within the space of coastal management and conservation, BC indicated that 19 MPA's were submitted and now two additional ones would be included which incorporates the Namaqualand MPA's.	BC clarified that WCR has committed to give up all of Sea Concession 9 (a) and 90% of 8 (a) and 8 (b) to contribute to the MPA, as it does not have high mineral resource content. BC further stated that a Section 11 application in terms of Mineral and Petroleum Resources Development Act (MPRDA) for the ceding of rights from De Beers to WCR has currently been lodged with DMR.  Tshepiso Monnakgotla (TM) mentioned that the process is long (might take approximately two years) and it entails a stakeholder comment period of 60 days.	WCR to share the relinquished MPA areas with the (DEA).  DEA to invite WCR to participate in the comment period for the MPAs.
2. Composition of WCR and Socio-economic considerations and benefits	TM enquired as to who is included in the shareholding within the Government Sector.	BC stated that the government sector makes up about 20% of WCR. BC further stated that De Beers initially had negotiations with the Department of Public Enterprise and promises and commitments were made regarding Black	

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
		<p>Economic Empowerment (BEE) consideration and economic development objectives and as such, WCR, as part of the purchase deal, honoured those prior commitments. The government is represented by the Department of Public Enterprise and they will then decide how shareholding interests are handled. The strategic goal was that such process should not delay the process of mining and should not impact on the benefit of the deal, which is associated with job creation.</p>	
3. Validity and credibility of specialist studies	<p>Maya Pfaff (MP) recommended that the specialist studies e.g. desktop marine baseline studies must focus on the current sites and the current methodologies and not be based on historical data. AB also alluded to this and emphasized that local output data should be the one being processed and not only focusing on extrapolations from other similar geographic environments. MP and AB further stated that the attendees at the</p>	<p>The detailed specialist studies have not commenced. The environmental setting data in the form of preliminary desktop baseline studies was done under specialist input. However, subsequent detailed monitoring studies will only be done after input from stakeholders in the scoping report. The regional information is provided to contextualize the trends in anticipated impacts and to be used as a foundation in the formulation of detailed terms of reference.</p>	<p>Myezo, WCR and DEA Oceans and Coasts to provide input into specialists monitoring approach and methodologies.</p>



Discussion Topic	Key issues raised by DEA		
	Clarity and recommendation	Response/Action	Responsible Person if action is required
	<p>meeting understood that for input into planning decisions and timeframes desktop marine baseline studies had been conducted. It was expressed as a potential risk the fact that specialist studies were undertaken prior to stakeholder input. However, it was acknowledged that the stakeholders will still receive an opportunity to review the desktop baseline studies and inform the prescription of methodologies and terms of reference for detailed environmental impact assessment stage.</p> <p>MP further stated that she had previously undertaken work with Dr. Andrea Pulfrich (AP), the specialist who conducted the desktop marine baseline studies, and recommended that impacts on reef structures should be further investigated as these were usually excluded from AP's studies. MP further requested if it would be</p>		

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
	facilitated that they receive sampling design data from AP.		
4. Consideration of co-ordination of monitoring programmes and sharing of research information.	Dr. Alan Boyd (AB) recommended that there should be partnership with regards to co-ordination of monitoring programmes to promote contribution to the understanding of the coastline. DEA (Oceans and Coast) conducts a lot of research and work along the coast, and any collected data will contribute in the comprehensive data manipulation to ascertain various trends under various treatments and variables. BC highlighted that WCR is open to building partnerships and sharing data.	BF and BC stated that the suggestion was noted. Sampling data will be available once sampling had commenced. The specialist will consider the inputs within the boundaries of this study, which is for EIA regulated processes. However, WCR is willing to engage the DEA research team so that studies are not just isolated pieces of information but are driven from strategic perspective of contributing to answering a bigger issue of national interest. These current engagements for the proposed mining project are seen to be opening doors for various collaborations in research as well.	WCR to pursue future research collaboration partnerships.  Myezo Environmental Management Services (Myezo) to ensure terms of reference for EIA cover DEA inputs and a meeting should be held with DEA, specialist and WCR prior to finalization of terms of reference for monitoring should this meeting be deemed crucial.
4.1. Sharing of research information - conducting of Strategic Environmental Assessment (SEA) in	Toufiek Samaai (TS) recommended that strategic environmental assessments (SEA's) should be undertaken in partnership with other role players, to have a broader understanding of the coastline rather than	BF commented on the importance of this general overview and gave an illustration about the Benguela Current Large Marine Ecosystems (BCLME) studies which were previously undertaken in collaboration with BCLME	Myezo and WCR to ensure in mitigation measures, WCR is recommended to participate in any SEAD initiatives as a key stakeholder in such development.



Discussion Topic	Key issues raised by DEA			Responsible Person if action is required
	Clarity and recommendation	Response/Action		
partnership with other role players.	<p>focusing on the specific sites, as these EIA focus studies do not give a broad overview of the status of the coastline. This is a request for future consideration and on - going partnerships.</p>	<p>programme and De Beers and other key stakeholders. These were then used as a foundation in the broader understanding of the coastline and environmental management programme reports (EMPR) found data for mining purposes was used form this generic EMPR. The SEA would indeed be beneficial but would not be undertaken as part of this study for WCR since the EIA that is being done is a legislated requirement to support Section 102 of MPRDA for the amendment of an authorized EMP. The Section 102 is under the auspices of DMR as a competent authority. For future considerations, it would perhaps be a worthwhile exercise for the custodians and beneficiaries of the coastline to execute the SEA, under public private partnership scenarios'. BF further stated that a pre consultation meeting had been held with DMR regarding the EIA process to be undertaken. BF also indicated that if an SEA would be undertaken they would need to include the other mines</p>		

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
		mining in the area. However, the comment had been noted.  BC highlighted that WCR is opened to building partnerships and sharing data.	
5. Development of beach management plans for management of impacts.	TS stated that the movement should be above EIA's to management plans for combating disturbance along the coastline. The heaps of tailings from classifiers have caused cumulative damage and this is a great concern. It would be prudent to have an Environmental Control Officer (ECO).	BF indicated that the management plans approach is where WCR is heading. Contractors will be allocated a specific site and a Local Environmental Management Plan will be developed for each site and the contractor will be responsible for implementation of the plan at each site and the ECO, Abegail Makgato (AM) in this instance, audits and monitors the compliance. The compliance levels are then factored into the renewal of contracts and revenue splits since rehabilitation liabilities must be carried by the party who caused the damage. It is however, understood that WCR carries the overall responsibility, but will use these internal controls for accountability and enforcement on site.	WCR and Contractors



Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
6. Provision of access to the coast.	<p>TM stated that there should be provision of access to the coast as it is a national asset. He further stated that access should be by means of public servitude, registered in favour of the municipality in terms of Section 18 of ICM Act. The public access strip should not conflict with mining operations, therefore WCR needs to identify suitable area for public access via servitude.</p> <p>The current access is through a Memorandum of Understanding (MoU) done with DeBeers for sea colonies. DEA wants to negotiate access for research as well.</p>	<p>BC indicated that since it is a diamond mining area issues of safety and security are critical, therefore certain areas are restricted. However, they are engaged in talks with San Parks to relinquish areas for public access in the form of the MPA that is being committed in the Section 11 process with DMR.</p>	<p>WCR to relinquish MPA and to work with DEA to manage while not disregarding access aspect the regulator controls for diamond mines.</p>
7. Consideration of waste management issues during mining activities.	<p>MP recommended that re-fueling at the beach and dumping of vehicle wreckages should be prohibited, as she had observed that wreckages at some areas. It is observed that sand bags are sometimes made up of plastics and these are left on the beaches. MP is concerned that due to mine diamond</p>	<p>BC stated that there are certain zones not owned by WCR, therefore they are not responsible for all dumping and waste, however they are committed to practicing sound environmental management principles. BF further stated that these issues would be considered and principles be built into</p>	<p>WCR</p>

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
	security, vehicles that are inside the mine are not taken out and these break down and corrode and a system of managing this would be beneficial.	the Safety, Health and Environment (SHE) Strategy for WCR.	
8. Impact of mining methodologies to be used.	Herman Oosthuizen (HO) enquired as to the preferred mining methodology between coffer dams and beach accretion. The Council of Scientific and Industrial Research (CSIR) report on Namdeb, reported on huge movement of beach sand during sea wall mining.	BF indicated that the outcomes of the bathymetry studies undertaken by WSP Group indicated that coffer dams are the preferred method. However, at certain sites, such as Rooiwal Bay, beach accretion would be considered. The Namdeb process is beach accretion. The sea is pushed back on big scale under their specific methods. WCR works in blocks of about 100 m or so at a time, and as such, the impacts are monitored at localized areas.	WCR to ensure feasible alternatives are considered and impacts are minimized by applying technologies and methodologies that uphold environmental integrity.
	TS enquired as to whether the rock boulders would be re-used and whether or not blasting would be undertaken. MP commented that bringing material onto the beaches creates mixed-shore beaches and this is not always the best option.	BC indicated that the outcomes of the bathymetry studies indicated that the energy of the sea is effectively broken by big rocks, therefore WCR will use more of these. When the rock berms are removed, the rocks will be re-used on the next block. Not all the rocks will be recovered through,	WCR



Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
		for this recycling, since some would be lost to high wave action. Where blasting is required, this will only be done inland. It is understood that mixed shore systems are threatened and if their creation would be structured well, perhaps then this mining method would contribute to creation of more offset of the lost ones.	
9. Viability of creation of artificial habitats to offset habitat disturbance.	HO suggested that consideration of offsetting of the habitat disturbance and loss as a result of removal of boulders by forming islands where the communities can use these as a habitat should be considered. Reference was made to bird colonies which disappeared due to high sediment load and exposure to fluctuating wave action.	BF indicated that it had been observed at De Punt, where rock boulders had been moved during previous mining activities, that habitats had been created for various faunal communities and these communities tend to thrive under the boulders and are provided with an opportunity to recover without the "harsh" wave action. BC indicated that the WSP methodology of using rock boulders would then make it possible for these islands to be formed when moving to new mine areas.	WCR and Contractors.
10. Consideration of application for pre-authorisation according to	Sibusiso Mbethe (SM) stated that the formation of the artificial islands i.e. coffer dam construction would be considered as		Myezo and DEA to provide guidance and comment during scoping.

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
Section 71b of Integrated Coastal Management Act (ICMA) before undertaking EIA.	reclamation in terms of ICMA, so WCR might need to apply for pre-authorisation in accordance with ICMA. The pre-authorisation would need to be undertaken before the EIA application and authorisation would be granted by the Minister. He also indicated that the Marine Living Resources Act should be considered.	necessary, this will be pursued under the relevant competent authority and ICMA will be engaged.	
11. Consideration of need for application for discharge permits	Feroza Alberto (FA) stated that an application for discharge permit for slimes seepage, jig plants and classifier release of process water back into the sea should be considered. However, the matter should be further discussed with the relevant directorate officials because there is still uncertainty about the classifiers which are returning into sea, sea water which has not originated on land.	BF stated that further advice would be sought from the relevant officials as advised.	Myezo to follow-up on discharge permits.



Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
12. Recovery of benthic communities and consideration of rocky shore habitat's impacts.	MP stated that the recovery of benthic communities must be understood from perspective of species recruitment and colonisation. These studies must not focus only on the sand beaches but consideration should also be given to rocky shore habitats' impacts. The reefs are clogged due to sediment. Bays are impacted, as such, the knowledge of where to dispose sand and the type of areas which are sensitive and should be avoided, is important. Therefore, the monitoring programmes should be coordinated so that there is benefit in their contribution to this understanding, upfront, so that disturbances are avoided.	BF stated that starting in 2002, Trans-Hex Operations (Pty) Ltd had been engaged in monitoring programmes and eight beaches had been sampled. BF indicated that AP had been engaged to undertake monitoring programmes to assess the impacts of activities, Council of Scientific and Industrial Research (CSIR) studies had also been undertaken and it had been noted that benthic communities recover after approximately five years.	Myezo, specialist
13. Impacts of mining on tourism	TM stated that WCR should consider the impact of mining on tourism, as DEA advocates for sustainable development. The coast is a national asset and beneficiaries should have access to it and the regulators, researchers, and developers should work	BF stated that this recommendation had been noted.	Myezo, WCR.

Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
	<p>together to observe this strategic reality and meet the objectives of Operation Phakisa.</p> <p>He further stated that Myezo should look at the principles of Policy for Sustainable Coastal Development, The National Coastal Management Programme (NCMP), as well as the National Coastal Provincial Coastal Management Programme and align their undertakings with these policy docs.</p>		
14. Sensitivity of dunes	<p>HO enquired if there were dune systems and indicated that dune stabilization and rehabilitation studies need to be undertaken.</p>	<p>BF stated that studies were done for Sea Concession 11 (a), 12 (a), and 13 (a) in the past and the ecological assessment of these dunes were done and a buffer zone away from the dunes has to be maintained to avoid their disturbance. The physical characteristics and behavioral patterns were observed. These dunes have high sensitivity ratings.</p>	



Key issues raised by DEA			
Discussion Topic	Clarity and recommendation	Response/Action	Responsible Person if action is required
15. Mapping of seal colonies	There should be mapping of seal colonies as they are unique habitats within the area. He indicated that Department of Agriculture, Forestry and Fisheries (DAFF) has most of this information, however DEA can also assist with the information they have.	BF indicated that information for sensitivity mapping for abalone ranching sites, sea weed sites and rock lobster sites had been received from DAFF. BF further stated that they welcomed the assistance from DEA (Oceans and Coast) with regards to further information.	Myezo, DEA to provide co-ordinates for seal colonies including Komarants (Oceans and Coast)
16. Boat launching sites	HO and MP enquired with regards to the boat launching sites WCR will need and cautioned them to check if the ones that are to be gazetted are applicable to them.	AM stated that DENC are in the process of gazetting Brazil site as well and this site might be used by WCR and Trans-Hex and is already incorporated in the list to be gazetted. WCR will not be launching on any new sites and will utilize Brazil.	WCR
17. Tailings plumes	TS advised that plumes and turbidity consideration be factored in the studies.		
18. Stakeholder engagement	WCR and the consultant were thanked by the Chairperson for providing the opportunity for this information sharing session.		

<b>Discussion Topic</b>	<b>Key issues raised by DEA</b>		
	<b>Clarity and recommendation</b>	<b>Response/Action</b>	<b>Responsible Person if action is required</b>
	For a consolidated view, it was worthwhile to get feedback on what other stakeholder raised and it was appreciated that feedback from DAFF and DENC were provided.		



## 6. Way forward

- DEA (Oceans and Coast) (Biodiversity and Coastal Research Unit) would like to liaise with the ECO AM and WCR more frequently, to establish a good working relationship.
- DEA requested maps and pictures to be included in the Scoping Report. The data should also be in shape files and in adequate scale. It was alluded that DEA would provide:
  - Co-ordinates for seal colonies. A page on breeding colonies and geographic positions was provided, but an electronic updated version was promised
- It was advised that the specialist studies that have been done on environmental settings be rather called desktop baseline studies since the term baseline implies the studies extended, over a period of time over varying extents and many variable treatments.
- Myezo to:
  - Co-ordinate a scoping review meeting with the specialist and DEA for insights into future monitoring studies.

## 7. Closure

The outcomes of the meeting will be circulated to attendees. The meeting was adjourned.

**Attachment 1: Attendance Register**





**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  
445 Jacqueline Drive, Garsfontein, 0081  
Pretoria, South Africa

WEST COAST RESOURCES-NAMAQUALAND MINES-ENVIRONMENTAL IMPACT ASSESSMENT

ATTENDANCE REGISTER FOR SITE VISIT FOR ENVIRONMENTAL IMPACT ASSESSMENT OVER THE EXISTING MINING RIGHTS AREAS, AS PER PRESCRIPTION OF MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO. 28 OF 2002) AND NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998)

Document Name: WNE-PI-Meetings-Attendance Register

Date: 18 September 2015

Converted Mining Rights: SNC 522 MRC/SNC 525 MRC  
Myezo Ref No: WNE 2015/02/AR

First Name	Last Name	Company	Position	Tel	Fax	Mobile	E-mail	Address1	Address2	City	Code	Signature
			West Coast Resources (Pty) Ltd									
Bertus	Cilliers	West Coast Resources (Pty) Ltd	New Business Manager	021 937 2010	086 224 8310	082 780 4104	bertusc@transhex.co.za	P.O Box 723, Parrow, 7500	P.O Box 723, Parrow, 7500	Cape Town	7500	
Abegall	Makgato	West Coast Resources (Pty) Ltd	Environmental Officer	021 937 2028	086 224 8310	074 733 0007	abegallm@transhex.co.za	P.O Box 723, Parrow, 7500	P.O Box 723, Parrow, 7500	Cape Town	7500	
			Department of Environmental Affairs (Ocean & Coast)									
Siyabonga	Dlulisa	Department of Environmental Affairs (Ocean & Coast)					SDlulisa@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Risha	Persad-Govender	Department of Environmental Affairs (Ocean & Coast)	Central Environmental Officer: Coastal Biodiversity Conservation	021 819 2475			rpersad@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Tshepiso	Monnakgotla	Department of Environmental Affairs (Ocean & Coast)	Town Planner	021 819 2509		063 553 4054	TMonnakgotla@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Qaphela	Mpotulo	Department of Environmental Affairs (Ocean & Coast)					QMpotulo@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Dr Alan	Boyd	Department of Environmental Affairs (Ocean & Coast)	Director: Biodiversity and Coastal Research	021 819 5006		083 412 3965	Aboyd@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Selwyn	Bergman	Department of Environmental Affairs (Ocean & Coast)	Marine Scientist	021 819 5004			Sbergman@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Maya	Pfaff	Department of Environmental Affairs (Ocean & Coast)	Marine/Coastal Scientist	021-8195060			Mpfaff@environment.gov.za maya.pfaff@gmail.com	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Herman	Oosthuizen	Department of Environmental Affairs (Ocean & Coast)	Marine Scientist	021-8195008			oosthuiz@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
			Department of Environmental Affairs (Ocean & Coast)					P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Esethu	Madlwana	Department of Environmental Affairs (Ocean & Coast)	Co-operative Student: ORV's	021 819 2454		073354566	emadlwana.environment	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
FEROZA	ALBERTUS	Department of Environmental Affairs (Ocean & Coast)	COASTAL POLLUTION MANAGEMENT (DD)	021 819 2457			feroza@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
SIBUCISO	MBETHLE	Department of Environmental Affairs (Ocean & Coast)	E.O. Coastal Conservation	021 819 2508		078778472	Smbethle@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Toufiek Samra	Samra	Department of Environmental Affairs (Ocean & Coast)	Marine Biodiversity & Ecosystems Research	021 819 5047			TSamra@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
Koleka	Khwazir	Department of Environmental Affairs (Ocean & Coast)	Office Admin: OTCM	021 819 2450		019 990 5003	khwazir@environment.gov.za	P.O Box 52126, V&A Waterfront	2 East Pier Shed, East Pier Road, V&A Waterfront, Cape Town	Cape Town	8002	
			Myezo Environmental Management Services (Pty) Ltd									
Babalwa	Fatyi	Myezo Environmental Management Services	Director	012 998 7642	012 998 7641	082 772 2418	babalwa@myezo.co.za	Postnet Suite B165, Private Bag X 18, Lynnwood Ridge, 0040	645 Jacqueline Drive, Garsfontein Office Park, Garsfontein	Pretoria	0081	
Bonita	Mtengwa	Myezo Environmental Management Services	Environmental Manager	012 998 7642	012 998 7641	076 125 0955	bonita@myezo.co.za	Postnet Suite B165, Private Bag X 18, Lynnwood Ridge, 0040	645 Jacqueline Drive, Garsfontein Office Park, Garsfontein	Pretoria	0081	

Michael Makhale DEA Manne Rescaldet 012 523 7834 012 819 5067 nmanthae@environ... Juretrust Cape Town 8000 Allgaja M

**Attachment 2: Slide Presentation**





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

Project Name: West Coast Resources - Namaqualand Mines - Environmental Impact Assessment and update of Environmental Management Programme in support of a Mining Right held by West Coast Resources (Pty) Ltd over the Namaqualand Mines, in the magisterial district of Namaqualand, Northern Cape

Pre-consultation meetings with stakeholders: 14, 15 and 18 September 2015

Myezo Ref Number: WVR/2015/02/P

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**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
*Environmental Stewardship*

Meeting dates and venues

Date	Venue
14 September 2015	Department of Agriculture, Forestry and Fisheries (Capetown)
15 September 2015	Department of Environment and Nature Conservation (Springbok)
18 September 2015	Department of Environmental Affairs (Oceans and Coast) (Capetown)

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**MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd**  
*Environmental Stewardship*

**Agenda**

- Welcome and introduction
- Objectives of the meeting
- Background on the project
  - Project description
- Potential Environmental Impacts
  - Specialist studies
- Environmental Impact Assessment approach
  - Listed Activities
  - Timeframes
  - Stakeholder roles
- Discussion session
- Way forward

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**Objectives**

- To inform stakeholder authorities about the proposed project
- To clarify legislative and administrative requirements
- To gather issues and concerns concerning the project and ensure that they are addressed in the succeeding EIA
- To present anticipated project timeframe timelines

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**Project description**

Proponent: West Coast Resources: WCR - Trans Hex, various companies and the Government Sector.

- Existing mining rights areas and prospecting rights (approximately 50 kilometres west of Kamieskroon and extending north and south of Hondeklip Bay on the West Coast ) (refer to Locality Map)
- Existing mining rights (refer to Locality Map)
- Koingnaas Right (KNR) (converted in July 2012- Department of Mineral Resources (DMR) ( Ref No: SNC 522MRC))
- Samson's Bak Right (SBR) ( converted in July 2012 RefNo: SNC 525 MRC)
- Existing Prospecting Right (refer to Locality Map)
- Namaqualand Prospecting Right (File No. NCS 672 PRC)

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**Project description (cont...)**

- Extent of the mining area - 37 500 ha

The Koingnaas Mining Right includes:

- Somnaas 474;
- Koingnaas 475;
- Zwart Lintjes Rivier 484;9939
- Langklip 489;
- Michell's Bay 495;
- Adjacent sea strips

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 MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
*Environmental Stewardship*

**Project description (cont...)**

The Samson's Bak Mining Right includes :

- Samson's Bak 330;
- Zwart Duinen 332;
- Elands Klip 333;
- Schulp Fontein 472;
- Noup 473;
- Somnaas 474;
- Koingnaas 475;
- Adjacent sea strips

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 MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
*Environmental Stewardship*

**Project description (cont...)**

The Namaqualand Prospecting Right includes:

- Michell's Bay 495;
- Langklip 489;
- Farm No. 496 (known as Kliphuis);
- Kanoep 491;
- Zwart Lintjes Rivier 484;
- Samson's Bak 330;
- Elands Klip 333;
- Zwart Duinen 332;
- Schulp Fontein 472;
- Somnaas 474;
- Koingnaas 475;

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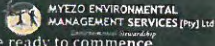
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 MYEZO ENVIRONMENTAL MANAGEMENT SERVICES (Pty) Ltd  
*Environmental Stewardship*

**Timeframes for mining activities that are ready to commence  
(do not require Environmental Impact Assessment)**

- Immediate target areas include Koingnaas and Mitchell's Bay



Contract finalisation (November 2014)

Site establishment (May 2015)

Commencement of operations (October 2015) (Expected)

Completed

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