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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

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Appendix J.1: References used in Draft BAR

- Claassen, R. (2012) *Personal communication: 23-10-2012*. Waste Consultant at Poltech, South Africa.
- DENC (2012) *Annual Performance Plan*. Department of Environment and Nature Conservation, Northern Cape.
- NDM (2011) *Environmental Management Framework and Strategic Environmental Management Plan*. Namakwa District Municipality, Northern Cape.
- NDM (2012) *Integrated Development Plan 2012 – 2016*. Namakwa District Municipality, Northern Cape.
- NPC (2011) *National Development Plan – Vision for 2030*. National Planning Commission, South Africa.
- Office of the Premier of the Northern Cape (2011) *Northern Cape Provincial Spatial Development Framework – Volume 1: Context and Overarching Policy*. National Department of Rural Development and Land Reform, South Africa.
- RLM (2009) *Integrated Development Plan of the Richtersveld Local Municipality – Review 2009*. Richtersveld Local Municipality, Northern Cape.
- RLM and Department of Rural Development and Land Reform (2010) *Rural Spatial Development Framework/Land Development Plan*. Richtersveld Local Municipality, Northern Cape.
- Statistics South Africa, 2008. *Community Survey 2007 [on-line]*, Statistics South Africa.
- Statistics South Africa, 2009. *Community Survey 2007: Basic Results – Northern Cape*, Statistics South Africa.

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Appendix J.2: Email correspondence with the waste specialist regarding corrugated asbestos roofing removal

From: "Ronelle Potgieter" <ronelle@enviro-quest.co.za>
Sent: 31/01/2013 09:42:20
To: Kavandren Moodley
CC: angelap@poltech.co.za
Subject: RE: Need for waste licence/EIA for asbestos roof removal

Dear Kavandren

The once-off collection and disposal of hazardous waste (in this case 0.18 m³) is not listed as a waste management activity that can have a detrimental effect on the Environment in GNR 1113, 2010. Therefore in my opinion a waste management license and environmental assessment will not be required.

However, the demolition of a building where asbestos-containing sheeting is used is governed by the Asbestos Regulations, specifically Section 21. I am attaching the regulations for your consideration. Waste handling and management of the asbestos sheeting is also specified.




I hope this answers your question.

Kind regards

Ronelle Potgieter



 P.O. Box 28744, Sunridge Park, Port Elizabeth, South Africa, 6008

 041 - 379 5956  083-6361156  0866170998

 ronelle@enviro-quest.co.za

From: Kavandren Moodley [mailto:KMoodley1@csir.co.za]
Sent: Wednesday, January 30, 2013 9:10 AM
To: ronelle@enviro-quest.co.za
Subject: Need for waste licence/EIA for asbestos roof removal

Hi Ronelle,

Thank you for taking the time to discuss demolishing the lean-to structure with the corrugated asbestos roof sheeting (see the attached image for this structure).

As discussed by telephone (and evident in the attached picture), this lean-to structure is approximately 6 m in length and 3 m in width with a roof thickness of 0.01 m at an absolute maximum. This means that the total quantity of asbestos roofing requiring removal will be 0.18 cubic metres at the most.

As agreed in our discussion, it would be illogical to undertake a full EIA process and waste licence application for such a minimal amount of asbestos waste which will only be once off during the decommissioning process and falls well under applicable thresholds.

The plan is remove the asbestos roofing under contract conditions using an accredited services provider and disposing off at a registered hazardous waste treatment facility.

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May I request your feedback in this regard and please could you also indicate any additional measures that might be applicable.

Once again I thank you for your assistance and I look forward to your feedback in this regard.

Kind Regards,

Kavandren Moodley

Environmental Management Services (EMS)

CSIR Consulting and Analytical Services

PO Box 17001

Durban, 4001

Tel: (031) 242 2385

Fax: (031) 261 2509

Email: *KMoodley1@csir.co.za*



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**Appendix J.3: Proof of application for a heritage permit from Northern Cape
Provincial Heritage Resources Agency (PHRA) – for removal of the lean-to structure
(SAHRIS Case number 1551)**

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1 Robb Street
Kimberley North
P.O Box 1930
KIMBERLEY,
8301

Moago Robb 1
Kimberley North
P. O Box 1930
KIMBERLEY
8301

Rob Straat 1
Kimberley Noord
P. O Box 1930
KIMBERLEY
8301

Isakhiwo I – Robb 1
Kimberley North
P.O Box 1930
KIMBERLEY,
8301

Telephone:
+27 53 8312537/0790369294

Fax:
+27 53 8331435

E-mail:
ratha.timothy@gmail.com

APPLICATION

To destroy, damage, deface, excavate, alter, remove from its original position, subdivide or change the planning status of Provincial Heritage Site or a Provincially Protected Place, or to alter or demolish a Structure 60 years or older, as protected in terms of the National Heritage Resources Act (No.25 of 1999).

Site Name &

Street Address: *Staff quarters (Portnet) at Port Nolloth. Beach Road, Port Nolloth*

Erf/Stand/Farm No: *Erf 335*

Magisterial District: *Richtersveld* **Municipality:** *Namaqua District*

Please complete all sections relevant to your application

1. APPLICANT

Name: Vincent Matabane

Postal Address: PO Box 72501,
Parkview,
Johannesburg,
South Africa

Postal Code: 2122

Telephone: 011 584 0551

Fax: 086 667 7626

E- mail: vincent.matabane@transnet.net

Identity Number: 7205045362082

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2. OWNER OF PROPERTY (when this is not the applicant)


Name: DAVID GORDON

Postal Address: P.O. Box 50491, WATERFROST
CAPE TOWN

Postal Code: 2002 Telephone: 021 449 4662

Fax: 021 449 3663 E-mail: DAVID.GORDON@TRANSNET.NET

Identity Number: 700221 5027 08 6

Signature: 

3. SITE: (Indicate status in the appropriate box)

<input type="checkbox"/>	Provincial Heritage Site (former National Monument)	<input type="checkbox"/>	Other provincially protected place
<input type="checkbox"/>	Sites within a Heritage Area (Former conservation area)	<input checked="" type="checkbox"/>	Structure older than 60 years

Current Use: *Lean-to off an existing structure /used as a store*

.....

Proposed Use: *To make space for construction of a light house.....*

Age of Property: *Staff house built post 1955.....*

4. PARTICULARS OF PRIMARY RESPONSIBILITY AGENT:
(Architect, Designer, etc.)

Name: IVAN JOOSTE

Qualifications: ARCHITECTURAL DESIGNER - (PR. ARCHITECTURAL TECHNOLOGIST)
SACAP REG. ST2139

Company: TRANSNET FREIGHT RAIL - RME

Address: TRANSNET FREIGHT RAIL - RME
P.O. Box 338, KASSELSVLEI, BELLVILLE

Postal Code: 7533 Telephone: 021 9401819

Fax: 021 9401940 E-mail: Ivan.JOOSTE@TRANSNET.NET

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Motivation for proposed work: (Please motivate fully, with reference to conservation principles where appropriate. This space may also for additional details required above.)

.....
A permit is sought for the demolition of a brick lean-to off the south end of the Port staff quarters in Beach Road in Port Nolloth. The exact date of the construction of the staff quarters is unknown but likely to be mid-late 20th century. It may be more than 60 years old however joinery and fittings are recent and not conservation worthy. Neither the staff quarters nor lean-to has conservation value so the demolition of the lean-to will not impact heritage significance.

The work is necessitated by the need to construct a new lighthouse which assists mariners in navigating into the Port. The lighthouse needs to be placed on a specific bearing with reference to the entrance to the Port which means that it cannot be moved from a specific alignment, hence the need to demolish the lean-to so that space can be made for its construction. A full report prepared by a professional heritage consultant is appended.

Older buildings require special treatment in terms of specifications, techniques and planning of alterations. In this regard:

- a. What experience does the Primary Agent have in working on sites that have heritage value?

n/a
.....
.....

- b. What experience does the contractor on the site have in working with historical sites?

n/a
.....
.....

6. Applicant:

I, Vince Matarang
Undertake fully to observe the terms, conditions, restrictions, regulations, guidelines and directions under which the Ngwao Boswa jwa Kapa Bokone may issue a permit.

Signature: [Signature]

Place: Port town

Date: 8/02/2013

ITEMS TO ACCOMPANY THIS FORM:

Two sets of drawings, one of which must be coloured- up. An authorised set will be returned to the applicant

Photographs of structures in their present form and in context (e.g: streetscape and neighbouring buildings). Format must be either unmounted prints of photographic

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negatives or a CD with digital photographs and a set printed on A4 paper. The location of each photograph should be noted on the back of photographic printed copy of a digital photograph.

In cases in other than demolition or partial demolition a set of specifications

We, NBKB, reserve the right to the following:

- Cancel
- Nullify
- Reserve

The application if the criteria and conditions are not met or applied as per the requirements set out above.

Any other information requested by NBKB.

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Appendix J.4: EIA Application Form for Environmental Authorisation submitted by CSIR to DEA (Dated: 1 August 2012)

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near Port Nolloth, Northern Cape



Consulting and Analytical Services

PO Box 17001 Durban 4013 South Africa
Tel: +27 31 242 2385
Fax: +27 31 261 2509

1 August 2012

To: Nyiko Nkosi

National Department of Environmental Affairs
Branch: Environmental Quality and Protection
Fedsure Building
Private Bag X447
315 Pretorius Street
Pretoria 0002

Dear Nyiko

APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR A PROPOSED LIGHTHOUSE CONSTRUCTION BY TRANSNET FREIGHT RAIL (TFR) NEAR PORT NOLLOTH, NORTHERN CAPE.

Enclosed are the application forms for the Basic Assessment process for the proposed lighthouse project by Transnet Freight Rail (TFR) on ERF 335 near Port Nolloth, in the Richtersveld Municipal area, Northern Cape. Please also find attached the EAP Declaration of Interest form as well as locality maps and a landowner acknowledgment letter pertaining to the proposed project.

This application covers the demolishing of an existing aluminium lattice lighthouse structure on ERF 44, and the proposed construction of a new concrete tower lighthouse on ERF 335 adjacent to the existing lighthouse plot. The existing lighthouse was commissioned in April 1979 and has reached the end of its life span. In line with the proposed activities relating to the project it is our understanding that the proposed new lighthouse on ERF 335 is the subject of a Basic Assessment (BA) process.

The CSIR has been appointed by TFR as the independent Environmental Assessment Practitioner, in terms of the National Environmental Management Act (Act 107 of 1998, as amended) and its amended Regulations 543, 544, 545 and 546, as promulgated on 18 June 2010.

Please feel free to contact the undersigned should you have any questions.

Sincerely,

Ismail Banoo
Project Leader (EAPSA certified)
CSIR Environmental Management Services

Tel: 031 242 2378
Email: ibanoo@csir.co.za

Kavandren Moodley
Project Manager
CSIR Environmental Management Services

Tel: 031 242 2385
Email: KMoodley1@csir.co.za

Ms N Shikwane (Chairperson), Prof C de la Rey, Dr N Dlamini,
Dr N Msomi, Dr FW Petersen, Prof MJ Wingfield, Dr S Sibisi

www.csir.co.za

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environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

BA and EMP for the proposed Port Nolloth Lighthouse on ERF 335 near Port Nolloth, Northern Cape.

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

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Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268

Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.deat.gov.za> for the latest version of the documents.

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SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

C	0	5	3	0	0	1	0	0	0	0	0	0	3	3	5	0	0	0	0	0

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

Note from CSIR: Please refer to Appendix C for a map illustrating the ERF numbers.

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near Port Nolloth, Northern Cape

PROJECT TITLE

BA and EMP for the proposed Port Nolloth Lighthouse on ERF 335 near Port Nolloth, Northern Cape.

1. BACKGROUND INFORMATION

Project applicant:	Transnet Freight Rail		
Trading name (if any):	Transnet SOC Limited		
Contact person:	Vincent Matabane		
Physical address:	Inyanda House 2, 15 Girton Road, Parktown, 2001		
Postal address:	P.O. Box 72501, Parkview, Johannesburg, South Africa		
Postal code:	2122	Cell:	083 297 76260
Telephone:	011 584 0551	Fax:	086 66 77 626
E-mail:	vncent.matabane@transnet.net		

Provincial Authority:	Department of Tourism, Environment and Conservation – Northern Cape		
Contact person:	Mr Sibonelo Mbanjwa		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8300	Cell:	082 303 2430
Telephone:	053 807 4800	Fax:	053 831 3530
E-mail:	dmoleko@half.ncape.gov.za		

Landowner:	Transnet National Ports Authority – Lighthouse and Navigational Systems		
Contact person:	J.J. Basson		
Postal address:	P.O. Box 50491, Waterfront		
Postal code:	8002	Cell:	083 273 4052
Telephone:	021 449 5171	Fax:	021 449 3663
E-mail:	john.basson@transnet.net		

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Local authority in whose jurisdiction the proposed activity will fall:	Richtersveld Local Municipality		
Nearest town or districts:	Springbok, Namakwa District		
Contact person:	Madeleinne Brandt (Municipal Manager)		
Postal address:	Private Bag X20, Springbok		
Postal code:	8240	Cell:	
Telephone:	027 712 8000	Fax:	027 712 8040
E-mail:	mbrandt@namakwa-dm.gov.za		

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

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2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

2.1 For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant notice) : Describe each listed activity as per project description¹:

GN.R544, 18 June 2010	18 (iv),	The construction process for the lighthouse might require the infilling or depositing of material more than 5 cubic metres, as well as excavations at a distance of 100 m inland of the high-water mark of the sea.
GN.R546, 18 June 2010	16 (iii), (iv), iii: (cc),	The final layout might result in buildings and infrastructure with a footprint of 10 square metres each, encroaching within 32 metres of a watercourse.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

Note from CSIR: The precautionary approach has been followed in completing the Table of Listed Activities, in that if there is any doubt at this stage of the project planning whether or not an activity is included in the project design, then the activity is listed. This list may be refined during the course of the BA.

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form.

Note from CSIR: Refer to Appendix D for the Schedule.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

- | | |
|--|--------|
| 3.1.1 National Environmental Management: Waste Act | No |
| 3.1.2 National Environmental Management: Air Quality Act | No |
| 3.1.3 National Environmental Management: Protected Areas Act | No |
| 3.1.4 National Environmental Management: Biodiversity Act | No |
| 3.1.5 Mineral Petroleum Development Resources Act | No |
| 3.1.6 National Water Act | No |
| 3.1.7 National Heritage Resources Act | No |
| 3.1.8 Other (please specify) | No |
|
3.2 Have such applications been lodged already? |
No |

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description.

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4. DECLARATIONS

4.1 The Applicant

I, VINCENT MATABANE _____, declare that I -

- am, or represent², the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner³;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

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- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

 TRANSNET Freight Rail	
A Division of Transnet SOC Limited Reg. No. 1990/000900/05	
2012 -07- 11	
Enterprise Risk Management	
JOHANNESBURG	

W. Matatane

Signature of the applicant/ Signature on behalf of the applicant:

TRANSNET FREIGHT RAIL

Name of company (if applicable):

11/07/2012

Date:

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

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Appendix A: EAP DECLARATION

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environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

BA and EMP for the proposed Port Nolloth Lighthouse on ERF 335 near Port Nolloth, Northern Cape.

Environmental Assessment Practitioner (EAP): ¹ Contact person: Postal address: Postal code: Telephone: E-mail: Professional affiliation(s) (if any)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="3" style="padding: 2px;">Ismail Banoo</td></tr> <tr><td colspan="3" style="padding: 2px;">Ismail Banoo</td></tr> <tr><td colspan="3" style="padding: 2px;">PO Box 17001, Congella, Durban</td></tr> <tr> <td style="padding: 2px;">4013</td> <td style="padding: 2px;">Cell:</td> <td style="padding: 2px;">084 667 8680</td> </tr> <tr> <td style="padding: 2px;">(031) 242 2378</td> <td style="padding: 2px;">Fax:</td> <td style="padding: 2px;">(031) 261 2509</td> </tr> <tr><td colspan="3" style="padding: 2px;">ibanoo@csir.co.za</td></tr> <tr><td colspan="3" style="padding: 2px;">EAPSA certified ; IAIA ; IAIA SA</td></tr> </table>	Ismail Banoo			Ismail Banoo			PO Box 17001, Congella, Durban			4013	Cell:	084 667 8680	(031) 242 2378	Fax:	(031) 261 2509	ibanoo@csir.co.za			EAPSA certified ; IAIA ; IAIA SA		
Ismail Banoo																						
Ismail Banoo																						
PO Box 17001, Congella, Durban																						
4013	Cell:	084 667 8680																				
(031) 242 2378	Fax:	(031) 261 2509																				
ibanoo@csir.co.za																						
EAPSA certified ; IAIA ; IAIA SA																						
Project Consultant: Contact person: Postal address: Postal code: Telephone: E-mail:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="3" style="padding: 2px;">Kavandren Moodley</td></tr> <tr><td colspan="3" style="padding: 2px;">As above</td></tr> <tr><td colspan="3" style="padding: 2px;">PO. Box 17001, Congella, Durban</td></tr> <tr> <td style="padding: 2px;">4013</td> <td style="padding: 2px;">Cell:</td> <td style="padding: 2px;">073 274 4486</td> </tr> <tr> <td style="padding: 2px;">(031) 242 2385</td> <td style="padding: 2px;">Fax:</td> <td style="padding: 2px;">(031) 261 2509</td> </tr> <tr><td colspan="3" style="padding: 2px;">kmoodley1@csir.co.za</td></tr> </table>	Kavandren Moodley			As above			PO. Box 17001, Congella, Durban			4013	Cell:	073 274 4486	(031) 242 2385	Fax:	(031) 261 2509	kmoodley1@csir.co.za					
Kavandren Moodley																						
As above																						
PO. Box 17001, Congella, Durban																						
4013	Cell:	073 274 4486																				
(031) 242 2385	Fax:	(031) 261 2509																				
kmoodley1@csir.co.za																						

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4.2 The Environmental Assessment Practitioner

I, Ismail Banoo declare that –

General declaration:

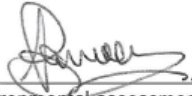
- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;
- I have a vested interest in the proposed activity proceeding, such vested interest being:



Signature of the environmental assessment practitioner:

CSIR

Name of company:

31 / 07 / 2012

Date:

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near Port Nolloth, Northern Cape

Appendix B: Proof of Informing Owner

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

TRANSNET



23 July 2012
The Manager
Transnet Freight Rail (RME)
Bellville Square
Main office block
Transnet Office Park,
Modderdam Road
BELLVILLE
7530

Reference: HLH 5/29 (LH565)

Dear Sir

PORT NOLLOTH: PROPOSED CONSTRUCT NEW CONCRETE LIGHTHOUSE ON ERF 335, PORT NOLLOTH

It is hereby confirmed that Transnet National Ports Authority, Lighthouse & Navigational Systems, is the custodians of the property known as Erf 335, Port Nolloth, registered in the name of Transnet SOC Limited under Certificate of Registered Crown Title 33/1953.

Consent is given to Transnet Freight Rail (RME) to construct a new concrete lighthouse, and also to perform all other related activities on the property in order to execute this project successfully.

Kind regards.

J.J. Basson

Commercial Manager

TNPA Lighthouse & Navigational Systems.

z/john/Tender LH 565 TFR Letter of Consent 1

Transnet SOC Ltd
Registration Number
1990/000900/30

Carlton Centre
150 Commissioner
Street
Johannesburg
2001

P.O. Box 72501
Parkview, Johannesburg
South Africa, 2122
T +27 11 308 3001
F +27 11 308 2638

Directors: ME Mkwanazi (Chairman) B Molefe* (Group Chief Executive) NK Choubey# MA Fanucchi Y Forbes HD Gazendam NBP Gcaba BD Mkhwanazi T Mnyaka
N Moola MP Moyo NR Ntshingila IM Sharma IB Skosana E Tshabalala DLJ Tshepe A Singh* (Chief Financial Officer)
*Executive #Indian

www.transnet.net

Group Company Secretary: ANC Ceiba

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

Appendix C: Site Layout Map

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse – near Port Nolloth, Northern Cape

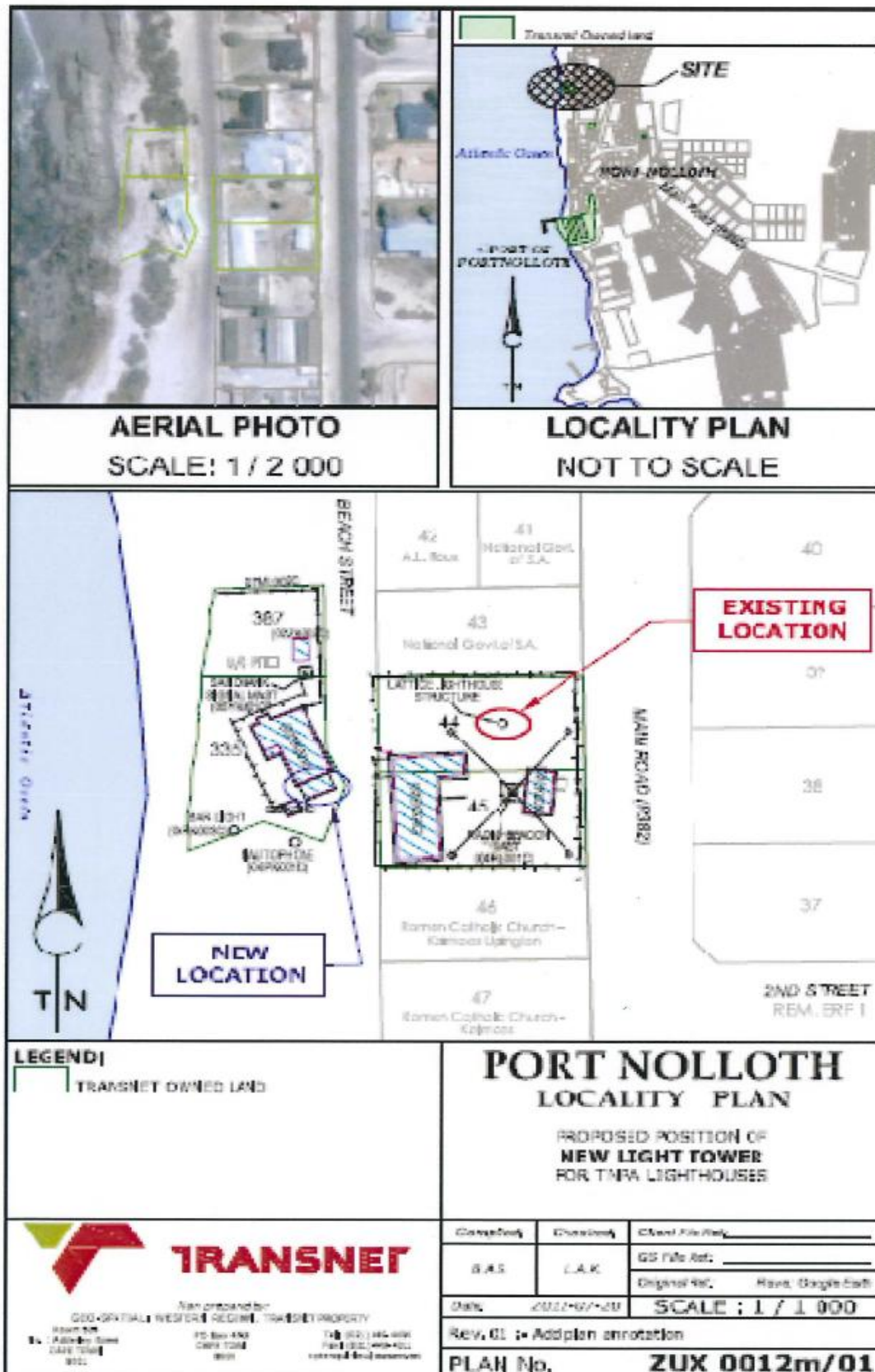


Figure 1: Map illustrating ERF numbers

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse – near Port Nolloth, Northern Cape



Figure 2: Locality Map

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near Port Nolloth, Northern Cape

Appendix D: Project Schedule

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse – near Port Nolloth, Northern Cape

Table 1: Provisional BA work schedule

Tasks to be performed	Number of days	Month 1				Month 2				Month 3				Month 4				Month 5				Month 6				Month 7				Month 8							
		Week				Week				Week				Week				Week				Week				Week				Week							
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
EAP to complete Application Form and submit to Department.	7																																				
Department to acknowledge application (if in order).	14																																				
EAP to conduct site visit and notify I&APs and State departments, place notice(s) in the media and prepare and release BID.	30																																				
EAP to compile the draft Basic Assessment Report (BAR) (including a draft EMP) and specialists to prepare reports	30																																				
EAP to release draft BAR & EMP for comments.	7																																				
Department to request comments from the relevant State departments.	7																																				
Commenting period of 40 days for I&APs and State departments.	40																																				
EAP to consider the comments received and complete the final BAR (including the final draft of the EMP).	28																																				
EAP to make the final BAR (including the final draft of the EMP) available to the registered I&APs for a 21-day commenting period.	21																																				
Following the commenting period the EAP to submit the BAR together with any comments received on the final BAR to the Department.	14																																				
The Department to acknowledge receipt of the BAR.	14																																				
If in order, the Department to accept the BAR	30																																				
After having accepted the BAR, Department to decide whether or not to grant or refuse Environmental Authorisation.	30																																				
The Department to inform the applicant of its decision.	2																																				
Applicant/EAP to notify I&APs of outcome and if authorised may only commence 20 days after the date of the authorisation.	20																																				

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

Appendix J.5: Acknowledgement of Receipt of Application Form from DEA (Dated: 16 August 2012)

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2882

NEAS Reference: DEA/EIA/0001379/2012

DEA Reference: 14/12/16/3/3/1/671

Enquiries: Mmatlala Rabothata

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Ismail Banoo
CSIR Consulting and Analytical Services
PO Box 17001
CONGELLA
Durban
4013

Fax: 031 261 2509

Tel: 031 242 2378

PER FACSIMILE / MAIL

Dear Sir/Madam

ACKNOWLEDGEMENT OF RECEIPT AND ACCEPTANCE OF NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (BASIC ASSESSMENT PROCESS) FOR THE PROPOSED PORT NOLLOTH LIGHTHOUSE ON ERF 335 NEAR PORT NOLLOTH, NORTHERN CAPE PROVINCE

The Department confirms having received the application form; details of EAP and Declaration of Interest; and project schedule on 2 August 2012 for environmental authorisation for the abovementioned project. The Application is accepted.

Please include both reference numbers (NEAS Reference and DEA Reference), as listed above, on all documents and correspondence submitted to the Department.

In addition, please consider the following during compilation of reports for this application for environmental authorisation:

- All applicable Departmental Guidelines must be considered throughout the application process. These can be downloaded from the Department's website: www.environment.gov.za, Environmental Impact Management button, listed under "EIA Administration": Integrated Environmental Management Information Series link. These include, but are not limited to, the following topics: Scoping, Environmental Impact Reporting, Stakeholder Engagement, Specialist Studies, Impact Significance, Cumulative Effects Assessments, Alternatives in EIA and Environmental Management Plans.
- Please be advised that in terms of the EIA Regulations and NEMA the investigation of alternatives is mandatory. Alternatives must therefore be identified, investigated to determine if they are feasible and reasonable. It is also mandatory to investigate and assess the option of not proceeding with the proposed activity (the "no-go" option).

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
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- Should water, solid waste removal, effluent discharge, stormwater management and electricity services be provided by the municipality, you are requested to provide this office with written proof that the municipality has sufficient capacity to provide the necessary services to the proposed development. Confirmation of the availability of services from the service providers must be provided together with the reports to be submitted.
- In the reports to be submitted it must clearly be demonstrated in which way the proposed development will meet the requirements of sustainable development. You must also consider energy efficient technologies and water saving devices and technologies for the proposed development. This could include measures such as the recycling of waste, the use of low voltage or compact fluorescent lights instead of incandescent globes, maximising the use of solar heating, the use of dual flush toilets and low-flow shower heads and taps, the management of storm water, the capture and use of rainwater from gutters and roofs, the use of locally indigenous vegetation during landscaping and the training of staff to implement good housekeeping techniques.
- A detailed and complete EMPr must be submitted with the BAR. This EMPr must not provide recommendations but must indicate actual remediation activities which will be binding on the applicant. Without this EMPr the documents will be regarded as not meeting the requirements and will be returned to the applicant for correction.
- The applicant/EAP is required to inform this Department in writing upon submission of any draft report, of the contact details of the relevant State Departments (that administer laws relating to a matter affecting the environment) to whom copies of the draft report were submitted for comment. Upon receipt of this confirmation, this Department will in accordance with Section 24O(2) & (3) of the National Environmental Management Act, 1998 (Act 107 of 1998) inform the relevant State Departments of the commencement date of the 40 day commenting period, or 60 days in the case of the Department of Water Affairs for waste management activities which also require a licence in terms of the National Water Act, 1998 (Act 36 of 1998).
- Should it be necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999), please submit the necessary application to SAHRA or the relevant provincial heritage agency and submit proof thereof with the Basic Assessment Report. The relevant heritage agency should also be involved during the public participation process and have the opportunity to comment on all the reports to be submitted to this Department.

You are required to submit the final site layout plan together with the Final BAR to the Department. All available biodiversity information must be used in the finalisation of the layout plan.

The Environmental Management Programme (EMPr) submitted as part of the application for environmental authorisation must include the following:

- All recommendations and mitigation measures to be recorded in the Final BAR.
- A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site in consultation with the EQO and be implemented prior to commencement of the construction phase.
- An open space management plan to be implemented during the construction and operation of the facility.
- A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility including timeframes for restoration which must indicate rehabilitation within the shortest possible time after completion of construction activities to

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

- reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
- An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
 - A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
 - An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
 - An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
 - A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
 - An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
 - Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

You are requested to submit two (2) electronic copies (the main report must be separated from the Appendices (each appendix saved separately) (CD/DVD) and two (2) hard copies of both the Draft and Final Report to the Department. The hard copies must be double-sided printed; double-punched and must be bound using a lever arch file (two or four holes).

The EAP must, in order to give effect to regulation 56 (2), before submitting the Environmental Impact Assessment Report to the Department give registered interested and affected parties access to, and an opportunity to comment on the report in writing.

In terms of regulation 67 of the EIA Regulations, 2010 this application will lapse if the applicant (or the EAP on behalf of the applicant) fails to comply with a requirement in terms of the Regulations for a period of six months after having submitted the application, unless the reasons for failure have been communicated to and accepted by this Department.

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Draft Basic Assessment Report for the Proposed Port Nolloth Lighthouse –
near Port Nolloth, Northern Cape

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely


Mr Mark Gordon

Chief Director: Integrated Environmental authorisations
Department of Environmental Affairs

Letter signed by: Ms Mmatfala Rabothata

Designation: Environmental Officer: Integrated Environmental Authorisations

Date: 16/08/2012

CC:	Mr Vincent Matabane	Transnet Freight Rail	Fax: 086 667 7626
	Mr Sibonelo Mbanjwa	NC DTEC	Fax: 053 831 3530
	Ms Madeleine Brandt	Richtersveld Local Municipality	Fax: 027 712 8040