

From: [Lyndle Naidoo](#)
To: [Babalwa Layini](#)
Subject: RE: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
Date: Wednesday, 17 March 2021 13:38:00

Good day Babalwa,

Thank you for your email. CDC already has blanket permits for the SEZ.

Kind regards,

Lyndle Naidoo MSc

Environmental Scientist

ECAPE PLZ



SRK Consulting (South Africa) (Pty) Ltd.

Ground Floor, Bay Suites, 1a Humewood Rd, Humeral, Port Elizabeth, 6001

P O Box 21842, Port Elizabeth, 6000

Tel: +27-(0)41-5094800; **Fax:** +27-(0)41-5094850

Direct: +27-(0)41-5094838; **Email:** LNaidoo@srk.co.za

www.srk.co.za

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From: Babalwa Layini <BabalwaL@daff.gov.za>

Sent: Wednesday, 17 March 2021 13:05

To: Lyndle Naidoo <LNaidoo@srk.co.za>

Subject: RE: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

EXTERNAL

Good Afternoon Lyndle

Thank you for copying forestry however Coega IDZ is covered by thicket within the thicket there are protected species milkwood and cheesewood a license under section 15 will be required.

Kind Regards

Babalwa

From: Lyndle Naidoo <LNaidoo@srk.co.za>

Sent: Monday, March 15, 2021 5:04 PM

Subject: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

EXTERNAL EMAIL: This email originated outside of “DALRRD/DAFF Environment”.
CAUTION: Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Authorities, Stakeholders & Interested and Affected Parties,

NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Please find attached the Executive Summaries of the Draft Environmental Impact Reports (DEIRs) for the overall proposed CDC Coega 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape, which consists of the following projects, each of which is subject to a separate EIA and application process:

- Gas Infrastructure – 14/12/16/3/3/2/2013
- Zone 13 power plant – 14/12/16/3/3/2/2012
- Zone 10 South power plant – 14/12/16/3/3/2/2011
- Zone 10 North power plant - 14/12/16/3/3/2/2010

Draft Environmental Impact Reports for the four projects listed above have been submitted to the National Department of Environment, Forestry and Fisheries (DEFF) for approval.

Comments on the DEIRs will assist to ensure that all potential environmental impacts related to the listed activities will be addressed in the Plan of Study for EIA. The complete Draft Environmental Impact Reports can be accessed in printed form at the Ward 53 Councillor’s office in Motherwell, and at SRK’s Port Elizabeth office (by appointment). Electronic copies are available for download from SRK Consulting’s webpage via the ‘Public Documents’ link <https://docs.srk.co.za/en/za-cdc-coega-3000-mw-gas-power-project-eias>, or alternatively via the OneDrive link: https://srk-my.sharepoint.com/:f:/g/personal/nala_srk_co_za/Eh7bWTSn2CZHhQZlc0PwisABXcedBAEppiPkTzwhTSYew?e=V9blBm, or can be made available from SRK Consulting upon request.

A 30 day comment period is provided as per the legislated timeframes. **Comments should be submitted in writing, clearly indicating which project / report the comment relates to, by 12h00 on 18 April 2021 to:**

Lyndle Naidoo at SRK Consulting
PO Box 21842, Port Elizabeth, 6000
Email: LNaidoo@srk.co.za
Fax: (041) 509 4850

Kind regards,

Lyndle Naidoo *MSc*

Environmental Scientist
ECAPE PLZ



SRK Consulting (South Africa) (Pty) Ltd.

Ground Floor, Bay Suites, 1a Humewood Rd, Humerail, Port Elizabeth, 6001
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Lyndle Naidoo

From: Portia Makitla <PMakitla@environment.gov.za>
Sent: Monday, 19 April 2021 13:34
To: Lyndle Naidoo
Subject: Fwd: DRAFT EIR comments: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
Attachments: 3000MW Coega gas to power comments.pdf

EXTERNAL

Dear Sir/Madam

Please find the attached comments for your consideration.

Regards

Portia

----- Forwarded message -----

From: Aulicia Maifo <amaifo@environment.gov.za>
Date: 19 Apr 2021 13:30
Subject: Fwd: DRAFT EIR comments: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
To: Portia Makitla <PMakitla@environment.gov.za>
Cc:

FYI

Kind regards,
Ms. Aulicia Maifo
Intern: Biodiversity Mainstreaming EIA
Department of Forestry, Fisheries & the Environment
Tel: 012 399 9627
Email: AMAifo@environment.gov.za

From: Seoka Lekota <SLekota@environment.gov.za>
Sent: Monday, April 19, 2021 11:14:42 AM
To: Portia Makitla <PMakitla@environment.gov.za>
Cc: Aulicia Maifo <amaifo@environment.gov.za>
Subject: RE: DRAFT EIR comments: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape



Seoka Lekota
Deputy Director: Biodiversity Mainstreaming EIA
Department of Environment Forestry & Fisheries
Tel: +27 (12) 399 9573
Email: SLekota@environment.gov.za

From: Portia Makitla
Sent: Thursday, 15 April 2021 20:06
To: Seoka Lekota <SLekota@environment.gov.za>
Subject: Fwd: DRAFT EIR comments: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Did you work on this one?

----- Forwarded message -----

From: Portia Makitla <PMakitla@environment.gov.za>
Date: 14 Apr 2021 11:00
Subject: DRAFT EIR comments: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
To: Seoka Lekota <SLekota@environment.gov.za>
Cc: Aulicia Maifo <amaifo@environment.gov.za>

Dear Seoka

Please find the attached DEIR comments for your review and signature.

15/04 is the due date

Regards
MP

From: Aulicia Maifo [<mailto:amaifo@environment.gov.za>]
Sent: Tuesday, 16 March 2021 13:40
To: Portia Makitla
Subject: FW: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Good day Ms. Makitla

Hope you are well.

Kindly note that this project has been allocated to us.

Kind regards,
Ms. Aulicia Maifo
Intern: Biodiversity Mainstreaming EIA
Department of Environment, Forestry & Fisheries
Email: AMaifo@environment.gov.za

From: Seoka Lekota [<mailto:SLekota@environment.gov.za>]
Sent: Tuesday, 16 March 2021 13:29
To: Aulicia Maifo <amaifo@environment.gov.za>
Subject: FW: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape



Seoka Lekota
Deputy Director: Biodiversity Mainstreaming EIA
Department of Environment Forestry & Fisheries
Tel: +27 (12) 399 9573
Email: SLekota@environment.gov.za

From: Stanley Tshitwamulomoni
Sent: Tuesday, 16 March 2021 09:17
To: Seoka Lekota <SLekota@environment.gov.za>; Portia Makitla <PMakitla@environment.gov.za>
Subject: FW: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

From: Lyndle Naidoo [<mailto:LNaidoo@srk.co.za>]
Sent: Monday, 15 March 2021 5:00 PM
Subject: NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Dear Authorities, Stakeholders & Interested and Affected Parties,

NOTICE OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

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Comments on the DEIRs will assist to ensure that all potential environmental impacts related to the listed activities will be addressed in the Plan of Study for EIA. The complete Draft Environmental Impact Reports can be accessed in printed form at the Ward 53 Councillor's office in Motherwell, and at SRK's Port Elizabeth office (by appointment). Electronic copies are available for download from SRK Consulting's webpage via the 'Public Documents' link

<https://docs.srk.co.za/en/za-cdc-coega-3000-mw-gas-power-project-eias>, or alternatively via the OneDrive link:

https://srk-my.sharepoint.com/:f/g/personal/nala_srk_co_za/Eh7bWTSn2CZHhQZlc0PwisABXcedBAEppiPk_TzwhTSYew?e=V9bIBm, or can be made available from SRK Consulting upon request.

A 30 day comment period is provided as per the legislated timeframes. **Comments should be submitted in writing, clearly indicating which project / report the comment relates to, by 12h00 on 18 April 2021 to:**

Lyndle Naidoo at SRK Consulting
PO Box 21842, Port Elizabeth, 6000
Email: L.Naidoo@srk.co.za
Fax: (041) 509 4850

Kind regards,

Lyndle Naidoo MSc

Environmental Scientist

ECAPE PLZ



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Ground Floor, Bay Suites, 1a Humewood Rd, Humerail, Port Elizabeth, 6001

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Tel: +27-(0)41-5094800; **Fax:** +27-(0)41-5094850

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forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X 447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, Tel: +27 12 399 9000, Fax: +27 86 625 1042

Reference: 14/12/16/3/3/2/2010/2012 & 2013

Enquiries: Ms Portia Makitla

Telephone: 012 399 9411 **E-mail:** pmakitla@environment.gov.za

Ms Lyndle Naidoo
SRK Consulting
P O Box 21842
PORT ELIZABETH
6000

Telephone Number: (+27) 41 509 4850
Email Address: LNaidoo@srk.co.za

PER E-MAIL

Dear Ms Naidoo

COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT REPORT (DEIAR) FOR THE PROPOSED COEGA INTEGRATED GAS TO POWER PROJECT, GAS INFRASTRUCTURE, ZONE 10, 13 POWER PLANT, EASTERN CAPE PROVINCE

The Directorate: Biodiversity Conservation has reviewed and evaluated the aforementioned report, therefore the following recommendations must be considered in the final report in order to minimize further loss of biodiversity:

- High sensitive areas in close proximity to the development footprint must be demarcated as no-go area i.e. IBA, CBA;
- Vegetation clearing must be limited to the approved areas;
- Alien Invasive Plant (AIP) Management and Control Plan must be designed and implemented to prevent further loss of floral habitat and diversity as AIPs displace native species;
- Erosion management, maintenance and rehabilitation plans of natural vegetation must be developed to mitigate on habitat degradation and consider all phases of the development; and
- Rehabilitation plan must include the ongoing monitoring and maintenance of the surrounding natural vegetation



Ba tho pele - putting people first

COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT REPORT (DEIAR) FOR THE PROPOSED COEGA INTEGRATED GAS TO POWER PROJECT, GAS INFRASTRUCTURE, ZONE 10, 13 POWER PLANT, EASTERN CAPE PROVINCE

NB: The Public Participation Process documents related to Biodiversity EIA for review and queries should be submitted to the Directorate: Biodiversity Conservation at Email; BCAdmin@environment.gov.za for attention of Mr. Seoka Lekota.

Yours faithfully



Mr Seoka Lekota
Control Biodiversity Officer Grade B: Biodiversity Conservation
Department of Forestry Fisheries & the Environment
Date: 14/04/2021

From: [EIAAdmin](#)
To: [Nicola Rump](#); themba.koza@coega.co.za
Cc: [Mmamohale Kabasa](#); [EIAAdmin](#)
Subject: 14/12/16/3/3/2/2012 & 2013
Date: Monday, 19 April 2021 11:16:38
Attachments: [14-12-16-3-3-2-2012.pdf](#)
[14-12-16-3-3-2-2013.pdf](#)

EXTERNAL

Good day.

Please find herein the attached letters for the above mentioned.

I hope you find all in order.

Thank you.

Kind Regards,
Integrated Environmental Authorisations:
IEM Systems and Tools Coordination
Tel (012) 399 8630 / 9370 / 9367
Email: EIAAdmin@environment.gov.za

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forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA 0001· Environment House 473 Steve Biko Road, Arcadia, PRETORIA

DFFE Reference: 14/12/16/3/3/2/2013

Enquiries: Mmamohale Kabasa

Telephone: (012) 399 9420 E-mail: MKabasa@environment.gov.za

Ms Nicola Rump
SRK Consulting (South Africa) (Pty) Ltd
PO Box 21842
PORT ELIZABETH
6000

Telephone Number:(041) 509 4800

Email Address: nrump@srk.co.za

PER MAIL / E-MAIL

Dear Ms Rump

COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE LIQUEFIED NATURAL GAS (LNG) TERMINAL, GAS PIPELINES AND DISTRIBUTION HUB FOR THE TRANSMISSION, DISTRIBUTION AND RETICULATION OF NATURAL GAS WITHIN THE COEGA SEZ AND PORT OF NGQURA WITHIN THE NELSON MANDELA BAY MUNICIPALITY IN THE EASTERN CAPE PROVINCE

The Application for Environmental Authorisation and draft Scoping Report (SR) received by the Department on 09 October 2020, the comments on the draft SR dated 30 October 2020, the final SR and the Plan of Study for Environmental Impact Assessment received by the Department on 23 November 2020, the acceptance of the final SR dated 06 January 2021 and the draft Environmental Impact Assessment Report (EIAr) received by the Department on 16 March 2021, refer.

This letter serves to inform you that the following information must be included in the final EIAr:

(a) **Specific comments**

- (i) The EAP must provide a detailed project description for each of the two phases of the development, the duration of each phase and must clearly outline which infrastructure and technology options are to be used for each phase.
- (ii) Further to the above, the impacts, mitigation measures and recommendations for each phase must be clearly assessed and outlined in the report.
- (iii) The concluding remarks from the Marine Specialist seem to suggest that further assessment of impacts is required considering the location of the Port within an area supporting one of the most abundant and diverse fish populations along the South African coastline and functioning as an important habitat for both juvenile and adult fish many of which are considered 'vulnerable', 'endangered' and 'critically endangered'.
- (iv) The final statement in section 6.8.1 of the draft EIAr that reads as follows "*However, as noted earlier, current ambient concentrations exceed NAAQS limits by a significant margin, and the power plants collectively, albeit marginally, exacerbate poor air quality.*" is contradictory to the findings of the Atmospheric Impact Report in support of the EIA for the proposed 3000MW Integrated Coega Gas-to-Power Project, Zone 10: Coastal Power Station (South) submitted with the draft EIAr. The EAP is requested to provide clarity on the statement.

- (v) The colours used for Figure 6: Ecosystem and substratum types within Algoa Bay (adapted from Sink et al. 2019) from the Marine Specialist Report are too similar and are difficult to distinguish. Please ensure that all maps are clear and legible.
- (vi) Recommendations provided by specialist reports must be considered and used to inform the preferred layout alternative.
- (vii) The EMPr must include a provision to make the following reports available to the Department and applicable competent authority on request: alien/invasive plant management report; plant rescue and protection report; and re-vegetation and habitat rehabilitation report.
- (viii) Please ensure that all mitigation recommendations are in line with applicable and most recent guidelines.

(b) Listed Activities

- (i) Please ensure that all relevant listed activities are applied for, are specific and can be linked to the development activity or infrastructure as described in the project description. Only activities applicable to the development must be applied for and assessed.
- (ii) If the activities applied for in the application form differ from those mentioned in the final EIAr, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <https://www.environment.gov.za/documents/forms>.
- (iii) It is imperative that the relevant authorities are continuously involved throughout the environmental impact assessment process as the development property possibly falls within geographically designated areas in terms of numerous GN R. 985 Activities. Written comments must be obtained from the relevant authorities and submitted to this Department. In addition, a graphical representation of the proposed development within the respective geographical areas must be provided.

(c) Public Participation Process

- (i) The final EIAr must comply with all the conditions of the acceptance of the SR signed on 06 January 2021 and must address all comments contained in the final SR, the draft EIAr and this letter.
- (ii) The EAP must provide proof that the key stakeholders received written notification of the proposed activity as well as the amended draft EIAr. These include this Department's Directorates: Climate Change, and Biodiversity and Conservation.

(d) Cumulative Assessment

- (i) Should there be any other similar projects within a 30km radius of the proposed development site, the cumulative impact assessment for all identified and assessed impacts must be refined to indicate the following:
 - a) Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
 - b) Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
 - c) The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
 - d) A cumulative impact environmental statement on whether the proposed development must proceed.

(e) Specialist Declaration of Interest

- (i) Specialist Declaration of Interest forms must be attached to the final EIAr. You are therefore requested to submit original signed Specialist Declaration of Interest forms for each specialist study conducted. The forms are available on Department's website (please use the Department's template).

(f) Undertaking of an Oath

- (i) Please note that the final EIAr must have an undertaking under oath/ affirmation by the EAP.
- (ii) Based on the above, you are therefore required to include an undertaking under oath or affirmation by the EAP (administered by a Commissioner of Oaths) as per Appendix 3 of the NEMA EIA Regulations, 2014, as amended, which states that the EIAr must include:
"an undertaking under oath or affirmation by the EAP in relation to:
 - (i) the correctness of the information provided in the reports;*
 - (ii) the inclusion of comments and inputs from stakeholders and I&APs;*
 - (iii) the inclusion of inputs and recommendations from the specialist reports where relevant; and*
 - (iv) any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected parties".*

(g) Details and expertise of the EAP

- (i) You are required to include the details and expertise of the EAP in the EIAr, including a curriculum vitae, in order to comply with the requirements of Appendix 3 of the NEMA EIA Regulations, 2014, as amended.

(h) Environmental Management Programme

- (i) The EMPr must comply with Appendix 4 of the Environmental Impact Assessment Regulations, 2014, as amended.
- (ii) The EMPr must also include the following:
 - a) All recommendations and mitigation measures recorded in the EIAr and the specialist studies conducted.
 - b) The final site layout map.
 - c) Measures as dictated by the final site layout map and micro-siting.
 - d) An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
 - e) A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.
 - f) 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.

General

The EIAr must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions.

Please also ensure that the final EIAr includes the period for which the Environmental Authorisation is required and the date on which the activity will be concluded as per Appendix 3 of the NEMA EIA Regulations, 2014, as amended.

You are further reminded to comply with Regulation 23(1)(a) of the NEMA EIA Regulations, 2014, as amended, which states that: *"The applicant must within 106 days of the acceptance of the scoping report submit to the competent authority -*

(a) an environmental impact assessment report inclusive of any specialist reports, and an EMPr, which must have been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including any comments of the competent authority."

Should there be significant changes or new information that has been added to the EIAr or EMPr which changes or information was not contained in the reports or plans consulted on during the initial public participation process, you are required to comply with Regulation 23(1)(b) of the NEMA EIA Regulations, 2014, as amended, which states: *"The applicant must within 106 days of the acceptance of the scoping report submit to the competent authority – (b) a notification in writing that the reports, and an EMPr, will be submitted within 156 days of acceptance of the scoping report by the competent authority, or where regulation 21(2) applies, within 156 days of receipt of application by the competent authority, as significant changes have been made or significant new information has been added to the environmental impact assessment report or EMPr, which changes or information was not contained in the reports or plans consulted on during the initial public participation process contemplated in subregulation (1)(a) and that the revised environmental impact assessment report or EMPr will be subjected to another public participation process of at least 30 days"*.

Should you fail to meet any of the timeframes stipulated in Regulation 23 of the NEMA EIA Regulations, 2014, as amended, your application will lapse.

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 Sabelo Malaza

**Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment**

Signed by: Ms Milicent Solomons

Designation: Director: Priority Infrastructure Projects

Date: 15/04/2022.

cc:	Themba Koza	The Coega Development Corporation	Email: themba.koza@coega.co.za
-----	-------------	-----------------------------------	--------------------------------

From: [Lyndle Naidoo](#)
To: "Mark Moodaley *Transnet Property PLZ"
Cc: [Chantell Bruintjies Transnet Freight Rail Port Elizabeth](#)
Subject: RE: NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
Date: Wednesday, 14 April 2021 11:40:00
Attachments: [20200412_DataPack_For_Transnet.zip](#)
[image002.png](#)

Good day Mark,

Thank you for your email.

As request, please see attached.

Kind regards,

Lyndle Naidoo MSc

Environmental Scientist

ECAPE PLZ



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Ground Floor, Bay Suites, 1a Humewood Rd, Humerail, Port Elizabeth, 6001

P O Box 21842, Port Elizabeth, 6000

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From: Mark Moodaley *Transnet Property PLZ <Mark.Moodaley@transnet.net>

Sent: Wednesday, 14 April 2021 09:19

To: Lyndle Naidoo <LNaidoo@srk.co.za>

Cc: Chantell Bruintjies Transnet Freight Rail Port Elizabeth <Chantell.Bruintjies@transnet.net>

Subject: FW: NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

EXTERNAL

Good day Lyndle,

I trust that you are well.

Your email notification dated 09 April 2021 refers.

Are you able to provide us with shape files or geo-reference CAD drawings of the project footprints and related infrastructure such pipelines, overhead cable etc.?

Kind regards



Mark M Moodaley

Chief Property Technician

Transnet Property

Geo-Spatial: Eastern Cape Region (Port Elizabeth)

+27 41 507 1319 +27 83 376 3024

+27 11 308 1308 +27 41 507 2884

mark.moodaley@transnet.net

www.transnet.net

"May the Lord BLESS and PROTECT you. May the Lord SMILE on you and be GRACIOUS to you. May the Lord show you HIS FAVOUR and give you HIS PEACE." -- Numbers 6:24-26 --

From: Lyndle Naidoo [<mailto:L.Naidoo@srk.co.za>]

Sent: 09 April 2021 05:38 PM

Subject: NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

"External email: Open with Caution"

Dear Authorities, Stakeholders & Interested and Affected Parties,

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DEFF Reference No:

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- Zone 10 South power plant – 14/12/16/3/3/2/2011
- Zone 10 North power plant - 14/12/16/3/3/2/2010

Comments on the DEIRs will assist to ensure that all potential environmental impacts related to the listed activities will be addressed in the Plan of Study for EIA. The complete Draft Environmental Impact Reports can be accessed in printed form at the Ward 53 Councillor's office in Motherwell, and at SRK's Port Elizabeth office (by appointment). Electronic copies are available for download from SRK Consulting's webpage via the 'Public Documents' link <https://docs.srk.co.za/en/za-cdc-coega-3000-mw-gas-power-project-eias>, or alternatively via the OneDrive link: https://srk-my.sharepoint.com/:f/g/personal/nala_srk_co_za/Eh7bWTSn2CZHhQZlc0PwisABXcedBAEppiPk_TzwhTSYew?e=V9blBm, or can be made available from SRK Consulting upon request.

This email serves as a reminder that comments should be submitted in writing, clearly indicating which project / report the comment relates to, by 12h00 on 18 April 2021 to:

Lyndle Naidoo at SRK Consulting
PO Box 21842, Port Elizabeth, 6000
Email: L.Naidoo@srk.co.za
Fax: (041) 509 4850

Kind regards,

Lyndle Naidoo *MSc*

Environmental Scientist

ECAPE PLZ



SRK Consulting (South Africa) (Pty) Ltd.

Ground Floor, Bay Suites, 1a Humewood Rd, Humerail, Port Elizabeth, 6001

P O Box 21842, Port Elizabeth, 6000

Tel: +27-(0)41-5094800; **Fax:** +27-(0)41-5094850

Direct: +27-(0)41-5094838; **Email:** L.Naidoo@srk.co.za

www.srk.co.za

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Lyndle Naidoo

From: Whittington, Philip (Dr) (Summerstrand Campus South)
<Philip.Whittington@mandela.ac.za>
Sent: Sunday, 18 April 2021 11:58
To: Lyndle Naidoo
Subject: DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to
Power Project, Coega SEZ, Eastern Cape
Attachments: Comments on Draft Environmental Impact Reports.docx

EXTERNAL

Dear Lyndle

Please find attached my comments on the four EIA reports relating to the proposed gas to power project within the Coega SEZ. I would be grateful if you could acknowledge receipt of these comments and let me know if any require clarification. I can provide references for comments referring to bird distribution if necessary.

With best wishes
Phil Whittington

Dr P.A. Whittington
Ornithologist
East London Museum
PO Box 11021
Southernwood
5213
South Africa
Tel +27 (0)43 743 0686
Fax +27 (0)43 743 3127
Email: philw@elmuseum.za.org

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<http://www.mandela.ac.za/disclaimer/email.htm>

Comments on Draft Environmental Impact Reports: CDC Coega proposed 3000MW gas to power project, Coega SEZ, Eastern Cape

All Reports

1. Please explain for the benefit of the layman how this project will facilitate an increased uptake of renewable energy to the grid.
2. Appendix H of all projects refers. In a letter received from DEFF (the competent authority) on 6 January 2021 it is requested that comments from all relevant stakeholders are submitted to the department including those of the Endangered Wildlife Trust and BirdLife South Africa (Birdlife SA). Although representatives of both organisations are included in the updated IAP database it appears that neither have been notified or registered. Given the Critically Endangered status of the Damara Tern comment from these two organisations is of considerable importance. Comment should therefore be obtained before completion of the final EIA report and the comment period should be extended if necessary.
3. Appendix I of all reports refers. The legend on .png files is too small to read.
4. Reference list. Branch 1988 and Branch 1988a are one and the same. Change "Taylor et al." to "Taylor, M.R, Peacock, F. & Wanless, R.M.

Zone 13 1000MW Power Plant

1. Reference list. No publisher is provided for Barnes (2000). In Branch 1988 change "Sothorn" to "Southern".

Zone 10 South 1000MW Power Plant

1. Appendix J. The link provided on <https://docs.srk.co.za/en/za-cdc-coega-3000-mw-gas-power-project-eias> does not seem to work.
2. Appendix L. The EMPr on <https://docs.srk.co.za/en/za-cdc-coega-3000-mw-gas-power-project-eias> is that for the Zone 13 1000MW Power Plant.

The following comments also refer to the corresponding sections in the Zone 10 North 1000MW Power Plant and Gas Infrastructure EIA reports.

1. Page 73, section 4.2.2, paragraph 4, line 9: no red list status for Knysna Woodpecker is provided. It is however provided in the next paragraph so this species can be omitted from paragraph 4.
2. Figure 6-8. The colours used in the figure do not all match those given in the legend, e.g. there is no orange line in the figure and no blue line in the legend.
3. Section 6.8.7. While essential and desirable, monitoring of the Damara Tern population cannot be described as a mitigation measure. It may allow the effects of the cumulative impacts on the population to be documented but it will not mitigate them.
4. Appendix H. The second point made by South African National Parks Refers. If this proposal is in contravention of the Record of Decision for Zone 10 then this cannot be conveniently "swept under the carpet" by stating that selection of site locations is "outside of the scope of this EIA". It would obviously be a critical factor in whether or not DEFF grants an EA for the Zone 10 proposals or not. However, my understanding is that authorisation for rezoning of the SEZ east of the Coega River for land uses including mariculture, aquaculture and power production was received from DEAT in 2007. Please confirm whether or not this is the case.

Gas Infrastructure EIA

1. Section 6.3.4. To provide a balanced view it should also be stated that the negative impacts of the proposed development would also not be realised under the No-Go Alternative.
2. Appendix L: Table 4.2 has been copied from other reports. Some information, e.g. references to the wetland, is not relevant to this EIA.

The following comments refer to Appendix K6 and the same corrections may also be necessary in section 6.7.5 of the draft EIA relating to Impacts on the Marine Environment. Page numbers and section numbers refer to those used in Appendix K6.

1. Page 17, paragraph 1, line 3 and page 83, under the heading Sensitivity of Receptors, paragraph 2, lines 3 & 4: Bank Cormorant does not occur in Algoa Bay. The nearest populations are around Cape Agulhas. White Pelican is a vagrant to Algoa Bay from breeding populations off the west coast or iSimangaliso Wetland Park, KwaZulu-Natal. These species should therefore be omitted.
2. Under the heading Sensitivity of Receptors on page 47, paragraph 2, line 6 and under the same heading on page 72, line 7 and page 74, paragraph 2, line 6: Crowned Cormorant is a rare vagrant to Algoa Bay (it has occurred once to the best of my knowledge). The nearest populations are just east of Cape Agulhas, although 4 pairs bred in one year at Nature's Valley. This species should therefore be omitted.
3. Page 78, last sentence under the heading Sensitivity of Receptors: cut and paste error – this section is dealing with hypochlorite spills not LNG!
4. Page 89: footnotes 5 and 6 cited in the text should be footnotes 7 and 8 as provided at the bottom of the page.

Dr P. Whittington, 18 April 2021.

Lyndle Naidoo

Subject: NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Attachments: Proposed Coega Intergrated Gas-to-Power project Gas Infrastructure DEIA comment.pdf

From: Briege Williams <bwilliams@sahra.org.za>

Sent: Wednesday, 14 April 2021 14:33

To: Nicola Rump <NRump@srk.co.za>

Subject: RE: NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

EXTERNAL

Dear Nicola

I have issued a comment for the above case and uploaded it onto SAHRIS, I have also attached a pdf copy to this email. Once the Final EIA has been done, please upload it onto SAHRIS so I can issue a final comment and close the case. Please let me know if you have any queries.

Kind Regards

Briege



Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Briege Williams
Tel: 021 462 4502
Email: bwilliams@sahra.org.za
CaseID: 16279

Date: Wednesday April 14, 2021
Page No: 1

Interim Comment

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Sadick Davids

Coega Development Corporation (Pty) Ltd
Corner Alcyon & Zibuko St, Zone 1, Coega SEZ, Port Elizabeth, 6100

The Coega Development Corporation (CDC) proposes to develop a gas to power project, including three power plants and associated infrastructure, within the Coega Special Economic Zone (SEZ). SRK Consulting (South Africa) (Pty) Ltd (SRK) has been appointed by CDC, as the independent environmental consultants to assess the environmental impacts of the proposed development according in terms of the National Environmental Management Act 107 of 1998 (NEMA) 2014 Environmental Impact Assessment (EIA) Regulations. The overall project would broadly involve the following components: • A Liquefied Natural Gas (LNG) terminal, consisting of a berth with off-loading arms within the Port of Ngqura, cryogenic pipelines, storage and handling facilities and re-gasification modules (both on and off-shore); • Gas pipelines and distribution hub, for the transmission, distribution and reticulation of natural gas within the Coega SEZ and Port of Ngqura; • Three Gas to Power plants, each with a 1000 MW generation capacity (specific generation technologies may vary); and • Electricity transmission connecting powerlines to evacuate electricity to the previously approved 400 kV lines in the SEZ

The South African Heritage Resources Agency (SAHRA) would like to thank you for submitting the Draft Environmental Impact Assessment (DEIA) for the Proposed Coega Integrated Gas-to-Power Project: Gas Infrastructure within the Coega SEZ, Eastern Cape, South Africa.

The proposed gas infrastructure will consist of all key supporting infrastructure required for the operation of the CDC's proposed gas to power plants in the Coega SEZ. The key infrastructure which falls under the remit of the Maritime and Underwater Cultural Heritage (MUCH) unit is:

- Two floating storage and regasification units (FSRU), moored in the port, which will receive, store and regasify the LNG from the LNG carrier (LNGC).



an agency of the
Department of Arts and Culture

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- A new jetty with offloading platform and berthing facilities for the FSRU and LNGC in the Port of Ngqura.
- Gas and cryogenic pipelines from the FSRU and jetty to the proposed powerplants.
- Pipelines for the transmission of seawater from the abstraction point in the port to Zone 10.
- Dredging within the port and a disposal area for the dredged material.

SAHRA has noted in section 3.5.7 of the DEIA that the *“Infrastructure for the intake and discharge of seawater for heating purposes is excluded from the scope of this EIA process and will be addressed by the CDC’s Marine Pipeline Servitude EIA process that is currently underway.”* Therefore this part of the development is not addressed within this comment.

It is further noted that the preferred site for offshore disposal of dredged spoil falls under an existing authorisation for an earlier EIA which will also not be addressed in the comment.

The proposed development for the FSRUs, jetty and pipelines all take place within the port on the inside of the existing modern breakwater, this area has seen a high level of activity as the Port of Ngqura is a recent development. Localised dredging will be undertaken to accommodate the port manoeuvring area, this dredging will be with an area that has been previously dredged and therefore it is unlikely that any heritage remains will be uncovered.

As part of the project a Heritage Impact Assessment (HIA) was undertaken for the terrestrial based activity to assess any possible impacts on heritage, though no work was undertaken to assess any maritime impacts.

In 2004 during the development of the port, the wreck of the County of Pembroke was uncovered. She wrecked in 1903 when she ran aground in Algoa Bay during a storm, her hulk was later moved further around the bay and sunk. When the remains of the wreck were discovered, she was the subject of emergency archaeological recording before being blown up and removed.

Despite the discovery of a shipwreck during construction of the port, subsequent further development and dredging of the area means that the MUCH unit at SAHRA considers the possibility of any impact on maritime heritage resources to be low.

Our Ref:



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Enquiries: Briega Williams
Tel: 021 462 4502
Email: bwilliams@sahra.org.za
CaseID: 16279

Date: Wednesday April 14, 2021
Page No: 3

Section 6.6.5 of the DEIA addresses management and mitigation measures relating to heritage during the construction phase of the project, however these measures do not include any reference to maritime heritage. SAHRA insists that maritime heritage is addressed in these measures so that people working on site are aware that maritime heritage could be encountered. As maritime heritage is a national competence, should historic remains be uncovered during the project, all works must cease and may not commence until SAHRA has been contacted to advise the way forward.

Please note that all updates or changes to the project, all supporting documents, correspondence, and reports relating to the work must be uploaded to the case on SAHRIS in order to provide SAHRA with the opportunity to comment.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Briega Williams
Heritage Officer
South African Heritage Resources Agency

Lesla la Grange
Manager: Maritime and Underwater Cultural Heritage
South African Heritage Resources Agency

ADMIN:

Proposed Coega Integrated Gas-to-Power Project: Gas Infrastructure

Our Ref:



an agency of the
Department of Arts and Culture

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Enquiries: Briege Williams
Tel: 021 462 4502
Email: bwilliams@sahra.org.za
CaseID: 16279

Date: Wednesday April 14, 2021
Page No: 4

Direct URL to case: <https://sahris.sahra.org.za/node/567142>

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.

From: [Tim van der Merwe](#)
To: [Lyndle Naidoo](#)
Cc: [Nicola Rump](#); [Port Elizabeth](#); adam@gunnattorneys.co.za
Subject: 553652 // Comments on Coega Gas to Power Projects
Date: Monday, 19 April 2021 19:39:28
Attachments: [2021 04 19 Zone 13 Comments.pdf](#)
[2021 04 19 Gas Infrastructure Comments.pdf](#)
[2021 04 19 Zone 10 North Comments.pdf](#)
[2021 04 19 Zone 10 South Comments.pdf](#)
Importance: High

EXTERNAL

Good evening

I trust this email finds you well. As per my email to Lyndle Naidoo of SRK yesterday, we are submitting our comments today as the deadline fell on a Sunday.

Kindly find attached hereto comments on behalf of our client for the below projects:

1. 553652/Z10/N-3 (14/12/16/3/3/2/2010);
2. 553652/Z10/S-3 (14/12/16/3/3/2/2011);
3. 553652/Z13/3 (14/12/16/3/3/2/2012); and
4. 553652/Infrastructure/3 (14/12/16/3/3/2/2013).

Please confirm receipt hereof.

Kind regards



GUNN ATTORNEYS | COMMERCIAL
MINING
ENVIRONMENTAL

TIM VAN DER MERWE LLB, LLM
Attorney and Notary Public

CELL: +27 (0) 76 787 7637
TEL: +27 (0) 10 900 1237
ADDRESS: 63 Wessel Road, Rivonia
Johannesburg 2128, South Africa
WEB: www.gunnattorneys.co.za



GUNN
ATTORNEYS | COMMERCIAL
MINING
ENVIRONMENTAL

SRK Consulting South Africa (Pty) Ltd
Attention: Nicola Rump
Ground Floor, Bay Suites
1a Humewood Road
Humerail, Port Elizabeth
6001

Your Ref: 553652/Infrastructure/3

By e-mail: portelizabeth@srk.co.za / nrump@srk.co.za

Dear Sir/Madam,

19 April 2021

RE: COMMENTS IN RESPONSE TO THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORTS PREPARED BY SRK CONSULTING FOR THE APPLICANT FOR ENVIRONMENTAL AUTHORISATION, BEING COEGA DEVELOPMENT CORPORATION, FOR THE PROPOSED COEGA GAS-TO-POWER PLANT – GAS INFRASTRUCTURE (DEFF REF: 14/12/16/3/3/2/2013)

1. Introduction and Background

- 1.1 We confirm that we represent Karpowership SA (Pty) Ltd (“**our Client**”).
- 1.2 We have taken instructions from our Client to review the document entitled “Proposed Coega Gas-to-Power Plant – Gas Infrastructure (“**Draft Gas EIA Report**”), as well as all annexures thereto, and to then comment thereon.
- 1.3 We understand that the overall project involves 3 gas-to-power plants, each with up to 1000MW generation capacity, and gas pipelines for the transmission, distribution and reticulation of natural gas within the CDC SEZ and Port of Ngqura. There is thus a separate EIA for each aspect of the project. Four Environmental Authorisations (“**EAs**”) are thus being applied for.
- 1.4 This document focuses on the Draft Gas EIA Report, which deals with the gas infrastructure components of the project, facilitating the supply of gas to the power plants, and gas and LNG to third-party off-takers.

2. Quantitative Risk Assessment

2.1 Page 25 of the Draft Gas EIA Report notes that *“The assessment of cumulative risks reported in the QRA is limited to an assessment of the vessels in their moored positions and excludes risks associated with ship movements, which would typically be assessed in a marine transportation study. No claims are made in the QRA regarding the level of risk, and the acceptability of the risk, associated with ship movements within and outside of the Port.”* It is submitted that these issues must be dealt with and must form part of the EIA Report.

2.2 The quantitative risk assessment also excludes an assessment of road transportation outside of the facility, natural events (earthquakes, floods and so forth), ecological risk assessment and an emergency plan. The question arises as to why these aspects, as well as those in paragraph 2.1 above, were excluded. We submit that these are fundamental aspects of the quantitative risk assessment and must be dealt with.

3. Climate Change Impact Assessment

3.1 The Draft Gas EIA Report notes that the Climate Change Impact Assessment (“**CCIA**”) was assessed through an analysis of available datasets. This includes that no new data was collected and the project lifetime is assumed to be 30 years. The CCIA was limited to a desktop study, no modelling was done, and the impact of a changing economy and changing legislation was not considered. It also states that *“The limited availability of data results in increased uncertainties regarding the full extent and accuracy of the possible climate change impacts affecting the Gas Distribution Infrastructure’s operations, its supply chain, the surrounding communities, and the surrounding environment.”* Please advise on why no new data was considered or endeavored to be obtained, without which DEFF would not be able to conduct a comprehensive and wholistic assessment of the application.

3.2 We note that the specialists, Promethium Carbon, deemed certain sources of emissions “immaterial” towards the GHG footprint of the gas distribution infrastructure. These exclusions are:

- *Mobile combustion associated with the use of vehicles on the project site;*
- *Stationary combustion from backup generators;*
- *Employee commuting;*
- *Quantity of construction and municipal waste generated, including the distance transported to landfill;*
- *Emissions associated to nitrogen and LPG use as blending agents.*

3.3 We submit that the above must be considered in the CCIA. Each exclusion, when read in isolation, may be deemed to produce emissions insignificant when viewed in the context of the totality of the project. However, all exclusions must be cumulatively assessed and included in the CCIA, as they are likely to have an impact on the project's overall climate change impacts.

3.4 Further limitations are noted in the Draft Gas EIA Report, including that *“detailed design documents for the Gas Distribution Infrastructure were not available.”* It is not understood how an accurate CCIA could be conducted when the designs for the infrastructure are not available. Clarity is thus sought in this regard.

3.5 The following is taken from page 115 of the Draft Gas EIA Report:

“The project, with its direct and indirect emissions, will emit in the order of 28 million tons of CO₂e per year. Overall, 855 million tonnes CO₂e of emissions are emitted across the lifetime of the project. This is equivalent to around 19% of the South African carbon budget...”

“According to the methodology used for the CCIA, emissions over 10 million tons CO₂e over the lifetime of the project, or greater than 0.227% of SA's carbon budget would be rated as very high impact intensity rating.”

*“Due to the global nature of the impact, high intensity, long term duration and definite probability, the impact significance rating comes out as very high (negative), **both with and without mitigation in place.**”*

3.6 It is clear that, even with mitigation measures in place, the climate change impacts of the proposed project are unavoidable and constitute a fatal flaw.

3.7 Page 116 further highlights the risks the project will present regarding climate change:

“The health and safety of employees as well as their performance could also be significantly impacted, mostly due to increasing average temperatures and reducing water security. The climate change impacts that are likely to have severe impacts are associated with the increased frequency and severity of severe weather events, such as severe storms and severe rainfall events.”

The above confirms that the climate change impacts of the proposed project constitute a fatal flaw, especially considering that the Zone 13 and Zone 10 South and North plants will also be releasing high levels of emissions into the atmosphere.

4. Noise Impacts

4.1 The Draft Gas EIA Report states that the plant will operate for 24 hours a day, and that the client could not provide enough detailed information for the noise impact assessment as the designs of the plant were not finalised.

4.2 The potential noise impact on nearby receptors is summarised on page 119 of the Draft Gas EIA Report, and notes that the Damara Tern colony in Zone 10 is one such ecological receptor, as well as rare butterfly habitats. Page 121 states that *“With the exception of the Damara Tern Colony, for the construction phase it is unlikely that the construction noise will impact on any NSAs. It is recommended that an avifauna specialist is consulted to further assess the impacts that will arise on the Damara Tern Colony at NSA 10.”*

4.3 The EIA Executive Summary states *“The predicted impact on the nearby Damara tern colony, primarily due to disturbance, is however rated to be of high significance.”* The summary also states that *“The fundamental decision is whether to allow the development and the operation of the Gas Infrastructure, which is consistent with development policies for the area, but which may have significant climate change impacts in terms of greenhouse gas emissions, and possibly contribute to the localised extinction of the Damara tern colony, should the level of disturbance be found to be incompatible with their continued occupation.”* The area is home to 85% of the 61 pairs of the critically endangered Damara Tern breeding in South Africa. This again proves the negative noise and climate change impact of the gas infrastructure on this bird colony, and we submit that this is a fatal flaw in the Draft Gas EIA Report.

4.4 The potential impact on the Damara Tern colony is exacerbated if one looks at pages 105 and 106 of the Draft Gas EIA Report, which states as below:

“Loss and disturbance of vegetation will occur through the clearing of areas for the construction of the power plant units (including associated infrastructure) and the spread of invasive alien vegetation may be promoted through the disturbance to land. Faunal species could be lost and habitats fragmented through vegetation clearing for the development, displacing these animals to adjacent areas. During operation, noise and other anthropogenic impacts of the development will also disturb and displace fauna in the surrounding habitat.”

This highlights the likely displacement of the Damara Tern colony, as well as other species of avifauna (including rare butterfly species). The report also states that *“Most species will be able to migrate to other areas of the SEZ further from the site, provided suitable habitat is available.”* It is not clear which species may not be able to migrate to other areas, and it is also not clear

whether suitable habitat is available. Specific identification of “most species” is to be provide in accordance with a specialist avifauna report that is current and not reliant on any earlier study or authorisation.

4.5 It is also noted that underwater noise impacts have not been addressed. The Safetech Noise Impact Assessment recommends that a *“long-term hydrophone system is installed in the vicinity of the FSRU and LNGC berth and the harbour entrance to determine the current underwater noise climate”*, and further that *“a separate marine mammal noise specialist study should be conducted to determine the noise impacts on the marine fauna.”*

4.6 Similarly, the Marine Ecological Assessment recommends that such a study be done. The assessment notes that *“As the noise will be a stationary source with likely habituation by affected groups, the behavioural disturbance is considered possible.”* It is recommended in the Marine Ecological Assessment that an acoustic consultant be engaged to undertake a site-specific underwater noise assessment. The current absence of this study is deemed to be a fatal flaw and must be addressed prior to submission of the final Gas EIA Report.

5. Other issues

5.1 Several other issues have emerged during our review of the Draft Gas EIA Report and annexures. In addition to the above, we are of the view that report contains numerous material deficiencies.

5.2 We have noted from the Public Participation documents that the majority of Interested & Affected Parties (“**I&APs**”) are made up of state departments, CDC tenants and other interested parties. No mention is made of either the local fishermen or Khoisan in the area, and it is doubtful whether they have been notified or consulted in any capacity. The Draft EIA Reports have thus failed to provide sufficient information to all I&APs to enable them to meaningfully comment on the applications.

5.3 It is stated on page 141 that *“The proposed Gas Infrastructure development may result in the direct creation of approximately 2000 temporary job opportunities (over a construction period of 3 years), of which 30% would be unskilled labour.”* This figure is applied to the gas infrastructure and to all 3 proposed plants, and is not substantiated by any evidence or supporting documentation/data.

5.4 No specialist avifauna study has been conducted. We submit that this is a fatal flaw, particularly considering the possible impacts on the Damara Tern colony. The project area of influence is

likely to include several species of conservation concern and is within an Important Bird and Biodiversity Area. Algoa Bay is home to 85% of the 61 pairs of the critically endangered Damara Tern breeding in South Africa. The impact on avifauna due to an increase in atmospheric emissions, the disturbance to avifauna caused by the construction and operation of the plant, and the impact on avifauna due to emergency events, which would all form part of the specialist avifauna, have not been considered by the omission of this particular study.

6. Conclusion

- 6.1 We respectfully submit that the Draft Gas EIA Report, in its current form, falls short of the requirements as per the National Environmental Management Act and the EIA regulations thereto.
- 6.2 The issues highlighted above are, in our view, material and potentially fatal if not properly dealt with prior to construction and implementation of the project.
- 6.3 We reserve our Client's right to revise and expand on these initial comments and to request additional information as the process continues.

Yours sincerely,



Tim van der Merwe
Attorney & Notary Public
Gunn Attorneys

From: [Nicola Rump](#)
To: [Ane Oosthuizen](#)
Cc: [Viwe Biyana](#); [Andrea Shirley](#); [Lyndle Naidoo](#); [Abbigale Van Nierop](#)
Subject: FW: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
Date: Thursday, 22 April 2021 15:39:51
Attachments: [image016.png](#)
[image017.png](#)
[Permit No 02 - 2021 - Ngqura.pdf](#)
[image051.png](#)
[image053.png](#)
[image054.png](#)
[image055.png](#)
[image056.png](#)
[image057.png](#)
[image058.png](#)

Dear Ane,

Please find attached a copy of TNPA's permit for dumping at the dredge spoil site, as requested – we have only just received it now. The comment period for the DEIR is already closed and we are finalising the submission tomorrow, which leaves very limited time for addressing any comments you may have. If we are unable to address your comments in the report we will send them on to DEFF to take into account in their decision making.

Kind regards,
Nicola

From: Tauqeer Ahmed Transnet National Ports Authority NGQ <Tauqeer.Ahmed@transnet.net>
Sent: Thursday, 22 April 2021 15:32
To: Viwe Biyana <Viwe.Biyana@coega.co.za>; Mpatisi Panti Transnet National Ports Authority NGQ <Mpatisi.Panti@transnet.net>; Zimasa Sani Transnet National Ports Authority NGQ <Zimasa.Sani@transnet.net>; Renee DeKlerk [Transnet NPA DBN] <Renee.DeKlerk@transnet.net>
Cc: Nicola Rump <NRump@srk.co.za>
Subject: RE: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

EXTERNAL

Hi Viwe

Noted and thanks. Please see attached our latest dumping permit. We don't have a shape file but the co-ordinates of the dump site is on the permit.

Regards



Tauqeer Ahmed – Pr. Tech. Eng.
Deputy Port Engineer
Transnet National Ports Authority (TNPA)
Room No. E-1-61, 1st Floor East Wing,
eMendi Admin Building, Klub Road,
Port of Ngqura, Neptune Road,
Coega, PORT ELIZABETH, 6100
☎ (+27 41) 507 8525
✉ (+27 41) 507 8232
www.transnet.net

☎ (+27 60) 583 4857
✉ PO Box 612054, BLUEWATER BAY 6212

From: Viwe Biyana <Viwe.Biyana@coega.co.za>
Sent: Thursday, 22 April 2021 14:46
To: Tauqeer Ahmed Transnet National Ports Authority NGQ <Tauqeer.Ahmed@transnet.net>; Mpatisi Panti Transnet National Ports Authority NGQ <Mpatisi.Panti@transnet.net>; Zimasa Sani Transnet National Ports Authority NGQ <Zimasa.Sani@transnet.net>; Renee DeKlerk [Transnet NPA DBN] <Renee.DeKlerk@transnet.net>
Cc: Nicola Rump <NRump@srk.co.za>
Subject: RE: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

"External email: Open with Caution"

Dear All,

CDC is planning to submit the final EIAr for the gas to power EIA by end of business on the 25 April 2021, your feedback regarding email below is appreciated. In response the question below, there are no requirements to dump dredged material at the dump area from the 3000MW Project.

Regards,

Viwe Biyana

From: Tauqeer Ahmed Transnet National Ports Authority NGQ <Tauqeer.Ahmed@transnet.net>
Sent: Wednesday, April 21, 2021 12:46 PM
To: Viwe Biyana <Viwe.Biyana@coega.co.za>; Mpatisi Panti Transnet National Ports Authority NGQ <Mpatisi.Pantsi@transnet.net>; Zimasa Sani Transnet National Ports Authority NGQ <Zimasa.Sani@transnet.net>; Renee DeKlerk [Transnet NPA DBN] <Renee.DeKlerk@transnet.net>
Cc: Nicola Rump <NRump@srk.co.za>
Subject: RE: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Hi Viwe

We will follow up with our colleagues involved in dredging.

For clarity, will there be a requirement to dump dredged material at the dump area from the 3000MW Project?

Regards



Tauqeer Ahmed – Pr. Tech. Eng.

Deputy Port Engineer
Transnet National Ports Authority (TNPA)
Room No. E-1-61, 1st Floor East Wing,
eMendi Admin Building, Klub Road,
Port of Ngqura, Neptune Road,
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☎ (+27 41) 507 8525

☎ (+27 60) 583 4857

✉ (+27 41) 507 8232

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From: Viwe Biyana <Viwe.Biyana@coega.co.za>
Sent: Wednesday, 21 April 2021 11:44
To: Tauqeer Ahmed Transnet National Ports Authority NGQ <Tauqeer.Ahmed@transnet.net>; Mpatisi Panti Transnet National Ports Authority NGQ <Mpatisi.Pantsi@transnet.net>; Zimasa Sani Transnet National Ports Authority NGQ <Zimasa.Sani@transnet.net>; Renee DeKlerk [Transnet NPA DBN] <Renee.DeKlerk@transnet.net>
Cc: Nicola Rump <NRump@srk.co.za>
Subject: FW: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

"External email: Open with Caution"

Dear All,

May I request that the Transnet team provide feedback to the query below.

Regards

Viwe Biyana

From: Viwe Biyana <Viwe.Biyana@coega.co.za>
Sent: Friday, 16 April 2021 05:52
To: Renee de Klerk <renee.deklerk@transnet.net>; Zimasa.Sani@transnet.net; Tauqeer.Ahmed <Tauqeer.Ahmed@transnet.net>; Mpatisi.Pantsi@transnet.net
Cc: Nicola Rump <NRump@srk.co.za>; Firhana Sam <Firhana.Sam@coega.co.za>; Lyndle Naidoo <LNaidoo@srk.co.za>; Andrea Shirley <Andrea.Shirley@coega.co.za>
Subject: FW: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

EXTERNAL

Dear all,

As you are aware the CDC is conducting an EIA for the 3000MW Gas to Power Project , we are currently at the DEIR phase and the enquiry below has been raised through this process , please assist .

Enquiry: Please provide the shapefile / kmz for the dredge dumping site and authorisation in terms of ICMA), Copy of the 2001 EIA and 2007 FSR for the port, is attached however please provide the final actual authorisations.

Ms. Viwe Nosicelo Biyana, M Phil, MAP; B-Tech Chemistry

SHEQ:Unit Head - Operations

Mobile: 078 134 7381

Office: 041 403 0501

Fax: 041 403 0401

Email: Viwe.Biyana@coega.co.za



Coega Tip off anonymous hotline:0800007035.This email and all contents are subject to the following disclaimer:<http://www.coega.com/email/disclaimer.html>

From: Nicola Rump <NRump@srk.co.za>
Sent: Thursday, 15 April 2021 19:23
To: Andrea Shirley <Andrea.Shirley@coega.co.za>
Cc: Viwe Biyana <Viwe.Biyana@coega.co.za>; Lyndle Naidoo <LNaidoo@srk.co.za>
Subject: RE: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Hi Andrea,
Are you able to assist with this at all (shapefile / kmz for the dredge dumping site and authorisation in terms of ICMA)? I have copies of the 2001 EIA and 2007 FSR for the port, but none of the actual authorisations.

Kind regards,
Nicola

From: Ane Oosthuizen <Ane.Oosthuizen@sanparks.org>
Sent: Thursday, 15 April 2021 17:40
To: Lyndle Naidoo <LNaidoo@srk.co.za>; Nicola Rump <NRump@srk.co.za>
Cc: Andrea Shirley <Andrea.Shirley@coega.co.za>; apulfrich@piscas.co.za
Subject: URGENT RE: : CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape
Importance: High

EXTERNAL

Hi Lyndle and Nicola

The proposed dredge dumping site seems to be situated within the footprint of the MPA.
Can you please make the shapefile for the dredge dumping site, from the Marine Specialist study, available to us urgently.
Can you also include the authorisation for this proposed dumping site in terms of section 70, 71 or 72 of the Integrated Coastal Management Act.

Thank you.
Kind regards

Dr Ané Oosthuizen
National Marine Co-ordinator
Park Planning & Development
South African National Parks

071 4000371
Ane.Oosthuizen@sanparks.org
www.sanparks.org

From: Lyndle Naidoo [<mailto:LNaidoo@srk.co.za>]
Sent: 09 April 2021 17:32
Subject: NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

Dear Authorities, Stakeholders & Interested and Affected Parties,

NOTICE OF REMINDER OF SUBMISSION OF DRAFT ENVIRONMENTAL IMPACT REPORTS: CDC Coega Proposed 3000 MW Gas to Power Project, Coega SEZ, Eastern Cape

DEFF Reference No:

- Gas Infrastructure – 14/12/16/3/3/2/2013
- Zone 13 power plant – 14/12/16/3/3/2/2012
- Zone 10 South power plant – 14/12/16/3/3/2/2011
- Zone 10 North power plant - 14/12/16/3/3/2/2010

Comments on the DEIRs will assist to ensure that all potential environmental impacts related to the listed activities will be addressed in the Plan of Study for EIA. The complete Draft Environmental Impact Reports can be accessed in printed form at the Ward 53 Councillor's office in Motherwell, and at SRK's Port Elizabeth office (by appointment). Electronic copies are available for download from SRK Consulting's webpage via the 'Public Documents' link <https://docs.srk.co.za/en/za-cdc-coega-3000-mw-gas-power-project-eias>, or alternatively via the OneDrive link: https://srk-my.sharepoint.com/:f/g/personal/nala_srk_co_za/Eh7bWTSn2CZHHQZlc0PwisABXcedBAEppiPk_TzwhTSYew?e=V9blBm, or can be made available from SRK Consulting upon request.

This email serves as a reminder that comments should be submitted in writing, clearly indicating which project / report the comment relates to, by 12h00 on 18 April 2021 to:

Lyndle Naidoo at SRK Consulting
PO Box 21842, Port Elizabeth, 6000
Email: LNaidoo@srk.co.za
Fax: (041) 509 4850

Kind regards,

Lyndle Naidoo *MSc*
Environmental Scientist
ECAPE PLZ



SRK Consulting (South Africa) (Pty) Ltd.

Ground Floor, Bay Suites, 1a Humewood Rd, Humeral, Port Elizabeth, 6001

P O Box 21842, Port Elizabeth, 6000

Tel: +27-(0)41-5094800; Fax: +27-(0)41-5094850

Direct: +27-(0)41-5094838; Email: LNaidoo@srk.co.za

www.srk.co.za

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[Redacted]

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**environment, forestry
& fisheries**

Department: Environment, Forestry
and Fisheries
REPUBLIC OF SOUTH AFRICA

REF: NGQ – SA07/21 MAINTENANCE
Enquiries: Dr. Y. Peterson
Tel: 021 819 2450 E-mail: ypeterson@environment.gov.za

Permission is hereby granted in terms of the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) and the Dumping at Sea Regulations to the Transnet National Ports Authority of South Africa (TNPA) for the disposal at sea of up to 450 000 m³ of dredged material from maintenance dredging at the Port of Ngqura.

This permit is subject to the terms and conditions set forth in Sections B and C further below.

SECTION A: PERMIT GRANTED

Permit number : **General Permit Number 02/2021**
Applicant : **Transnet National Ports Authority**
Address : **P.O. Box 61054 Bluewater Bay, 6212**
Activity : **Loading and disposal of maintenance dredged material**
Dumping material : **Dredged Material**
Volume : **450 000 m³**
Depth range : **30 m**
Contractor / Transporter : **Dredging Services (TNPA)**

- **MV Italenl (Grab Dredger);**
- **MV Ilembe (Trailer Suction Dredger) and;**
- **MV Isandlwana (Trailer Suction Dredger).**

Period of validity : **01 April 2021 to 31 March 2023**

CHIEF DIRECTOR
INTEGRATED COASTAL MANAGEMENT

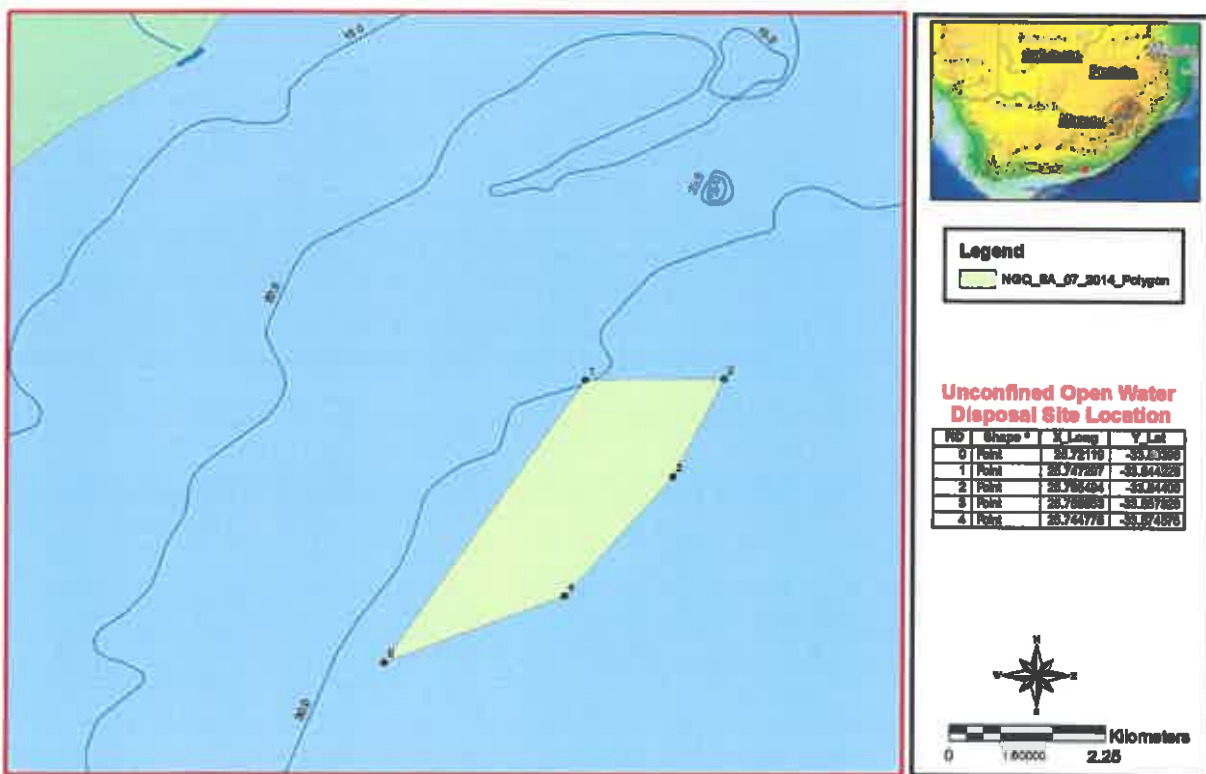
20/01/2021
DATE

SECTION B: SPECIFIC CONDITIONS

The Permit Holder is required to adhere to the following specific conditions under which this permit is granted:

1. Dumpsite

1.1 Dumping shall take place within the following coordinates and at a distance of no less than 150 meters from the boundaries of the dumpsite:



Site Corner	South	East
1	33° 53.038	25° 43.271
2	33° 50.654	25° 44.838
3	33° 50.644	25° 45.930
4	33° 51.470	25° 45.531
5	33° 52.475	25° 44.687

2. Materials, dredging and disposal methodology

- 2.1 Volumes dumped may not exceed 250 000 m³ per year. Should the applicant need to exceed the annual restriction, a motivation must be submitted detailing the reasons for such an exceedance.
- 2.2 No other material other than what is authorised by this permit may be dumped.
- 2.3 Vessels authorised to transport the dredged material shall avoid spillages at places other than the permitted disposal site. In the event of a spillage occurring outside the designated dumping area, an incident report must be compiled and submitted to the Department immediately.
- 2.4 This permit must, in its complete form, be made available on board the dredger(s) for inspection purposes.
- 2.5 The Permit Holder shall notify the Department in writing at least 48 hours before the commencement of the dredging and disposal operations.
- 2.6 Dumping of any materials not specifically identified, or in excess of the volume authorised under this permit shall constitute an offence in terms of Section 79 (1), (2) and (3) of the Integrated Coastal Management Act, 2008 (Act No. 24 of 2008).
- 2.7 As a requirement for a multi-year permit the Department will request a mid-term review of the disposal activity progress and the sediment quality of the proposed dredged area. The Department will notify the permit holder 14 days prior to the review process.

3. Reporting requirements

- 3.1 The applicant shall maintain a database of records capturing routes followed by the vessel(s) responsible for disposal. These records must be made available to the Department at least on a quarterly basis or as requested.
- 3.2 The exact volume of the sediment dumped shall be reported to the Department on an annual basis (by 1 September every year), together with the data required under condition 3.1 above.

- 3.3 The Department requires the applicant to undertake heavy metal sediment quality assessment of the proposed dredging sites annually, to be sent to the Department for review by 1 December 2021. The Department may further request the applicant to implement mitigation measures to reduce contamination levels or the Department may place further restrictions on this permit, based on the outcomes of the sediment assessment, prior to the disposal of the sediment into the Unconfined Open Water Disposal Site.

SECTION C: GENERAL CONDITIONS

1. This permit does not exempt the applicant from complying with any other applicable legislation.
2. The Permit Holder must admit access to any enforcement officer or other official designated pursuant to the ICM Act to any vessel or structure involved in the loading or disposal at sea referred to under this permit, at any reasonable time during the period of this permit.
3. This permit may not be transferred or assigned to any other person or organisation, except with written permission from the Department.
4. The Department reserves the right to amend or revoke this permit on the basis of non-compliance or should it be determined that dumping has resulted, is resulting, or may result, in significant harm to the marine environment or human health.
5. **Emergency situations:** In terms of Section 72 (1) (A) of the Integrated Coastal Management Act, 2008 (Act No. 24 of 2008), in the event of an emergency that poses an unacceptable risk to the environment or to human health or safety and where there is no other feasible solution other than dumping of dredged material outside the offshore disposal site specified in this permit, permission from the Department of Environmental Affairs: Branch Oceans and Coasts must be granted for such emergency dumping. In such incidences the Permit Holder must contact **The Director: Coastal Pollution Management (083 530 3127)**. If such emergency dumping occurs with or without the requisite permission of the Department, the Permit Holder shall report the incident immediately to the Department providing full details of the cause of the emergency, the measures taken to mitigate the incident, other alternatives considered other than dumping the material, the amount of material dumped, the location of the material and any other information

required by the Department. The Permit Holder shall in addition comply with the requirements of Section 30 of the National Environmental Management Act, 1998 (Act No. 107 of 1998).

6. This permit is granted on the assumption and condition that all information submitted by the applicant in connection with the granting of this permit is, complete, true and correct in all material respects.
7. All reports and correspondence to the Department under this permit shall be submitted to: **The Director: Coastal Pollution Management, Department of Environmental Affairs, P.O. Box 51216, V and A Waterfront, Cape Town, 8002: Tel (021) 819 2450, or Email: jedutoit@environment.gov.za**
8. Any reference to the Permit Holder in these permit conditions includes the entity or person, his/her or its employees (whether permanent, full-time or part-time), his/her or its contractors, agents or advisers.
9. Vessels used for the purposes of this permit must conform to all South African Maritime Safety Authority (SAMSA) regulations.
10. This permit may only be utilised by the individual/entity whose name appears on the permit. If the Permit Holder or its employees are personally utilising the permit, he/she must be in possession of a certified copy of this permit and proof of identity.
11. If the permit is being utilised by an individual/skipper/company/organisation, authorised by the Permit Holder, he/she must be in possession of a certified copy of this permit, proof of identity and a letter of authorisation signed by the permit holder.
12. This permit is valid for the period **01 April 2021 to 31 March 2023.**