

27 January 2020

Dear Interested and Affected Party,

**BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS****EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY  
LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE****NOTICE OF BASIC ASSESSMENT PROCESS and AVAILABILITY OF THE BASIC ASSESSMENT REPORT**

Air Products (Pty) Ltd operate a site at Coega Special Economic Zone (SEZ) situated in Port Elizabeth, Eastern Cape Province, where Liquid Oxygen (LOX) and Liquid Nitrogen (LIN) are currently handled and stored. APSA is proposing to increase the current LOX storage capacity at this site. The LOX storage capacity will be expanded by an additional 127.3 m<sup>3</sup> to a total of 200 m<sup>3</sup> either by alternatives of adding an additional vertical storage tank with total capacity of 127,3 m<sup>3</sup> or by replacement of the existing tank with 200 m<sup>3</sup> LOX tank. In addition, APSA intends to add 23 000 litres (23 m<sup>3</sup>) of above ground diesel storage facility at the site for use for the Air Products trucks that are based in Port Elizabeth.

The proposed expansion is to take place at the existing Air Products facility located in Coega, Eastern Cape, as the expansion will occur within the existing site and within the Coega Special Economic Zone (SEZ) the site is considered to be a brownfields site.

Infrastructure associated with the expansion of the facility will include:

- » 1 x 127,3 m<sup>3</sup> double walled vacuum insulated horizontal LOX tank or replacement of existing 72,7 m<sup>3</sup> LOX tank with a 200 m<sup>3</sup> LOX tank ;;
- » 1 x 23 m<sup>3</sup> aboveground composite diesel tank and associated bund wall, spill slab and separator pit; and
- » 1 x diesel standard pump installation with 2 hoses and shut off valve.

An Application for Authorisation was previously lodged with the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT) on 22 November 2019 (DEDEAT Ref.: ECm1/C/LN1/M/40-2019) for the expansion of LOX and diesel storage at the Air Products site. This application was subsequently withdrawn on the 06 November 2019 due to the reconsideration of the layout of storage infrastructure at the site.

Please refer to the Background Information Document (BID) for further information on the proposed expansion.

## **BASIC ASSESSMENT PROCESS**

As per the EIA Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the applicant will require authorisation from the Eastern Cape Department of Economic Development, Environmental Affairs & Tourism (EC DEDEAT) for the undertaking of the projects. In terms of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, the phasing of an activity, where any phase of the activity was below a threshold but where a combination of the phases, including expansions or extensions, will exceed a specified threshold, requires Environmental Authorisation. The Storage and Handling of Petroleum Products is listed under Subcategory 2.4. Subcategory 2.4 is applicable to all permanent immobile liquid storage facilities at a single site with a combined storage capacity of greater than 1 000 m<sup>3</sup>. An application for Environmental Authorisation will be submitted for the project to the DEDEAT. It is understood that the maximum storage of the facility will total 223 m<sup>3</sup> and therefore the on-site storage will not exceed 1 000 m<sup>3</sup>. The facility therefore falls below the Subcategory 2.4 threshold and does not require an Atmospheric Emissions Licence (AEL) at the current planned capacity.

The application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014, as amended.

Air Products (Pty) Ltd appointed Savannah Environmental, as the independent environmental consultant, to undertake the Basic Assessment to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programmes (EMPRs). The public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand and comment on the project. As part of the environmental studies, Interested and Affected Parties (I&APs) will be actively involved through the public involvement process being undertaken by Savannah Environmental.

You have been identified as an I&AP for the proposed Expansion of Liquid Oxygen (LOX) and Diesel Storage project. In terms of the Environmental Impact Assess Regulations, 2014, as amended, Regulations 40(2)(d), should you have an interest in this project, please register yourself as an I&AP by completing and returning the attached registration/comment form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the BA processes. Included in this notification letter is a registration and comment form for your perusal.

## **AVAILABILITY OF BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT**

This letter also serves to notify you that the Basic Assessment Report is available for your review and comment. The report can be viewed at the Motherwell Public Library, Cnr Umlu and Ngqokweni Streets, from **Wednesday, 05 February 2020** to **Friday, 06 March 2020**. The report can also be downloaded from Savannah Environmental's website: <https://www.savannahsa.com/public-documents/other/>. A release code will be required to access and download the report, which can be obtained from our Public Participation Office (contact details below).

You are kindly requested to submit your written comment(s) on the Basic Assessment Report before or on **Friday, 06 March 2020** via fax, post or e-mail (contact details below). All comments received during this 30-day review and comment period will be recorded and included in the Final Basic Assessment Report for submission to the Eastern Cape Department of Economic Development, Environmental Affairs & Tourism (EC DEDEAT), in line with Regulation 44 of the 2014 NEMA EIA Regulations 2014, as amended.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

E-mail: ([publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com))

**Attached:** Background Information Document  
Registration and Comment Form

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 To Savannah Public Process  
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 Bcc pienaar.allers@afrox.linde.com; wp.davy@gmail.com; wonder.mazenge@afrox.linde.com; valmai.millen@afrox.linde.com; rene.naidu@afrox.linde.com; Andile.Qwase@afrox.linde.com; satish.bhugwathypersad@afrox.linde.com; thomas.windelband@afrox.linde.com; dupisan@apsap.co.za; fosterk@apsap.co.za; fouriep@apsap.co.za; hellyarm@apsap.co.za; keell@apsap.co.za; kulkarns@apsap.co.za; vincentn@apsap.co.za; ashley@ambasam.com; Rhyannw@aplafira.com; pieter.allers@apmterminals.com; monique.oosthuizen@apmterminals.com; marius.schoeman@apmterminals.com; christelle@habitatlink.co.za; duane.mouton@coega.co.za; andrea.shirley@coega.co.za;

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**BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

**EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE**

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 To Savannah Public Process  
 Cc Nicole Venter  
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**RB** Ronald Baloyi  
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Cc: Nicolene Venter  
Bcc: tilla@dynamicfood.com; marc@dynamicfood.com; adrian@dynamicfood.com; kyle@dynamicfood.com; natashat@dynamicfood.com; johannes.mapokole@enel.com; arnold.barnard@famousbrands.co.za; gloria.january@famousbrands.co.za; guthrie.robertson@famousbrands.co.za; leslie.ross@famousbrands.co.za; nadine@faw.co.za; ashley@faw.co.za; lushijie@faw.co.za; yaohaiyang@faw.co.za; mfoster@himoina.com; mvrooyen@himoina.com; gcoollen@id-logistics.com; astallenberg@id-logistics.com; haydin.hannie@opel.com; beth.hurr@isuzu.co.za; DavidB@natship.net; GeorgeC@natship.net; andros@natship.net; rblauuw@mandelametro.gov.za; phowes@mandelametro.gov.za

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Landowners



27 January 2020

Mr Andile Qwase  
Landowner  
Afrox  
Coega Industrial Development Zone

**By e-mail:** andile.qwase@afrox.linde.com

Dear Mr Qwase,

## **BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

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You and/or the organisation which you represent have been identified as a directly affected or adjacent property owner that could be impacted by the proposed project. The EIA Regulations, 2014, as amended, Regulation 41(2)(b)(i)(ii) require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment processes in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of these BA processes. Should you or any other occupier of your property have an interest in this project, please register as an I&APs by completing and returning the attached reply form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the BA processes.



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Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

## Nicolene Venter

---

**From:** Nicolene Venter <nicolene@savannahsa.com>  
**Sent:** Monday, January 27, 2020 4:57 PM  
**To:** Andile Qwase  
**Cc:** Ronald Baloyi; Arlene Singh; Nicolene Venter  
**Subject:** Expansion of Liquid Oxygen (LOX) and Diesel Storage at COEGA Special Economic Zone: Notice of Basic Assessment (BA) process and availability of BA Report for review and comment  
**Attachments:** SE2643 APSA Coega BA&BAR NotificationLet Afrox FINAL.pdf; SE2643 - APSA Coega Draft BID January 2020 FINAL.pdf; SE2643 RegCommForm FINAL.pdf

### **BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

#### **EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE**

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Kind regards,

**savannah**  
environmental

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f: +27 (0) 86 684 0547

**Nicolene Venter**

Public Participation and Social  
Consultant

e: nicolene@savannahsa.com  
c: +27 (0) 83 377 9112

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

27 January 2020

Mr Ashley van der Merwe  
Landowner  
Ambasaam  
Coega Industrial Development Zone

**By e-mail:** ashley@ambasaam.com

Dear Mr Van der Merwe,

## **BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

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Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

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## Nicolene Venter

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**From:** Nicolene Venter <nicolene@savannahsa.com>  
**Sent:** Monday, January 27, 2020 5:05 PM  
**To:** Ashley Van der Merwe  
**Cc:** Ronald Baloyi; Arlene Singh; Nicolene Venter  
**Subject:** Expansion of Liquid Oxygen (LOX) and Diesel Storage at COEGA Special Economic Zone: Notice of Basic Assessment (BA) process and availability of BA Report for review and comment  
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e: nicolene@savannahsa.com  
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27 January 2020

Mr Johann Schlebusch  
Landowner  
Coega Dairy and Famous Brands  
Coega Industrial Development Zone

**By e-mail:** johann@coegadairy.com

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e: nicolene@savannahsa.com  
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27 January 2020

Mr Adrian Vardy  
Landowner  
Dynamic Commodities  
Coega Industrial Development Zone

**By e-mail:** adrian@dynamicfood.com

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#### **EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE**

Dear Mr Vardy,

Air Products (Pty) Ltd operate a site at Coega Special Economic Zone (SEZ) situated in Port Elizabeth, Eastern Cape Province, where Liquid Oxygen (LOX) and Liquid Nitrogen (LIN) are currently handled and stored. APSA is proposing to increase the current LOX storage capacity at this site. The LOX storage capacity will be expanded by an additional 127.3 m<sup>3</sup> to a total of 200 m<sup>3</sup> either by alternatives of adding an additional vertical storage tank with total capacity of 127,3 m<sup>3</sup> or by replacement of the existing tank with 200 m<sup>3</sup> LOX tank. In addition, APSA intends to add 23 000 litres (23 m<sup>3</sup>) of above ground diesel storage facility at the site for use for the Air Products trucks that are based in Port Elizabeth.

An Application for Authorisation was previously lodged with the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT) on 22 November 2019 (DEDEAT Ref.: ECm1/C/LN1/M/40-2019) for the expansion of LOX and diesel storage at the Air Products site. This application was subsequently withdrawn on the 06 November 2019 due to the reconsideration of the layout of storage infrastructure at the site.

Please find attached the following documents which will provide you with additional information regarding this application;

- Basic Assessment and BA Report Notification letter
- Background Information Document
- Registration and Comment form

Kind regards,

**savannah**  
environmental

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**Nicolene Venter**

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SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015



27 January 2020

Mr Martin Foster  
Landowner  
Himoin SA  
Coega Industrial Development Zone

**By e-mail:** mfoster@himoinsa.com

Dear Mr Foster,

## **BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

### **EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE**

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#### **NOTICE OF BASIC ASSESSMENT PROCESS and AVAILABILITY OF THE BASIC ASSESSMENT REPORT**

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Air Products (Pty) Ltd operate a site at Coega Special Economic Zone (SEZ) situated in Port Elizabeth, Eastern Cape Province, where Liquid Oxygen (LOX) and Liquid Nitrogen (LIN) are currently handled and stored. APSA is proposing to increase the current LOX storage capacity at this site. The LOX storage capacity will be expanded by an additional 127,3 m<sup>3</sup> to a total of 200 m<sup>3</sup> either by alternatives of adding an addition vertical storage tank with total capacity of 127,3 m<sup>3</sup> or by replacement of the existing tank with a 200 m<sup>3</sup> LOX tank. In addition, APSA intends to add 23 000 litres (23 m<sup>3</sup>) of above ground diesel storage facility at the site for use for the Air Products trucks that are based in Port Elizabeth.

The proposed expansion is to take place at the existing Air Products facility located in Coega, Eastern Cape, as the expansion will occur within the existing site and within the Coega Special Economic Zone (SEZ) the site is considered to be a brownfields site.

Infrastructure associated with the expansion of the facility will include:

- » 1 x 127,3 m<sup>3</sup> double walled vacuum insulated horizontal LOX tank or replacement of the existing 72,7 m<sup>3</sup> LOX tank with a 200 m<sup>3</sup> LOX tank ;
- » 1 x 23 m<sup>3</sup> aboveground composite diesel tank and associated bund wall, spill slab and separator pit; and
- » 1 x diesel standard pump installation with 2 hoses and shut off valve.

An Application for Authorisation was previously lodged with the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT) on 22 November 2019 (DEDEAT Ref.: ECm1/C/LN1/M/40-2019) for the expansion of LOX and diesel storage at the Air Products site. This application was subsequently withdrawn on the 06 November 2019 due to the reconsideration of the layout of storage infrastructure at the site.

Please refer to the Background Information Document (BID) for further information on the proposed expansion.

## **BASIC ASSESSMENT PROCESS**

As per the EIA Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the applicant will require authorisation from the Eastern Cape Department of Economic Development, Environmental Affairs & Tourism (EC DEDEAT) for the undertaking of the projects. In terms of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, the phasing of an activity, where any phase of the activity was below a threshold but where a combination of the phases, including expansions or extensions, will exceed a specified threshold, requires Environmental Authorisation. The Storage and Handling of Petroleum Products is listed under Subcategory 2.4. Subcategory 2.4 is applicable to all permanent immobile liquid storage facilities at a single site with a combined storage capacity of greater than 1 000 m<sup>3</sup>. An application for Environmental Authorisation will be submitted for the project to the DEDEAT. It is understood that the maximum storage of the facility will total 223 m<sup>3</sup> and therefore the on-site storage will not exceed 1 000 m<sup>3</sup>. The facility therefore falls below the Subcategory 2.4 threshold and does not require an Atmospheric Emissions Licence (AEL) at the current planned capacity.

The application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014, as amended.

Air Products (Pty) Ltd appointed Savannah Environmental, as the independent environmental consultant, to undertake the Basic Assessment to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programmes (EMPRs). The public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand and comment on the project. As part of the environmental studies, Interested and Affected Parties (I&APs) will be actively involved through the public involvement process being undertaken by Savannah Environmental.

You and/or the organisation which you represent have been identified as a directly affected or adjacent property owner that could be impacted by the proposed project. The EIA Regulations, 2014, as amended, Regulation 41(2)(b)(i)(ii) require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment processes in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of these BA processes. Should you or any other occupier of your property have an interest in this project, please register as an I&APs by completing and returning the attached reply form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the BA processes.

## AVAILABILITY OF BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT

This letter also serves to notify you that the Basic Assessment Report is available for your review and comment. The report can be viewed at the Motherwell Public Library, Cnr Umlu and Ngqokweni Streets, from **Wednesday, 05 February 2020** to **Friday, 06 March 2020**. The report can also be downloaded from Savannah Environmental's website: <https://www.savannahsa.com/public-documents/other/>. A release code will be required to access and download the report, which can be obtained from our Public Participation Office (contact details below).

You are kindly requested to submit your written comment(s) on the Basic Assessment Report before or on **Friday, 06 March 2020** via fax, post or e-mail (contact details below). All comments received during this 30-day review and comment period will be recorded and included in the Final Basic Assessment Report for submission to the Eastern Cape Department of Economic Development, Environmental Affairs & Tourism (EC DEDEAT), in line with Regulation 44 of the 2014 NEMA EIA Regulations 2014, as amended.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

## Nicolene Venter

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**From:** Nicolene Venter <nicolene@savannahsa.com>  
**Sent:** Monday, January 27, 2020 5:13 PM  
**To:** Martin Forster  
**Cc:** Ronald Baloyi; Arlene Singh; Nicolene Venter  
**Subject:** Expansion of Liquid Oxygen (LOX) and Diesel Storage at COEGA Special Economic Zone: Notice of Basic Assessment (BA) process and availability of BA Report for review and comment  
**Attachments:** SE2643 APSA Coega BA&BAR NotificationLet-Himoin SA FINAL.pdf; SE2643 - APSA Coega Draft BID January 2020 FINAL.pdf; SE2643 RegCommForm FINAL.pdf

### **BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

#### **EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE**

Dear Mr Foster,

Air Products (Pty) Ltd operate a site at Coega Special Economic Zone (SEZ) situated in Port Elizabeth, Eastern Cape Province, where Liquid Oxygen (LOX) and Liquid Nitrogen (LIN) are currently handled and stored. APSA is proposing to increase the current LOX storage capacity at this site. The LOX storage capacity will be expanded by an additional 127.3 m<sup>3</sup> to a total of 200 m<sup>3</sup> either by alternatives of adding an additional vertical storage tank with total capacity of 127,3 m<sup>3</sup> or by replacement of the existing tank with 200 m<sup>3</sup> LOX tank. In addition, APSA intends to add 23 000 litres (23 m<sup>3</sup>) of above ground diesel storage facility at the site for use for the Air Products trucks that are based in Port Elizabeth.

An Application for Authorisation was previously lodged with the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT) on 22 November 2019 (DEDEAT Ref.: ECm1/C/LN1/M/40-2019) for the expansion of LOX and diesel storage at the Air Products site. This application was subsequently withdrawn on the 06 November 2019 due to the reconsideration of the layout of storage infrastructure at the site.

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Kind regards,



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SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

BA Report available at Motherwell Public Library for  
public's review

31 January 2020

Ms N Spondo  
Librarian-in-Charge  
Motherwell Public Library  
Cnr Umnulu & Ngqokweni Streets  
NU9, Motherwell  
PORT ELIZABETH

**By Courier**

Dear Ms Spondo,

**EXPANSION OF LIQUID OXYGEN (LOX) AND DIESEL STORAGE AT THE AIR PRODUCTS FACILITY  
LOCATED WITHIN THE COEGA SPECIAL ECONOMIC ZONE, PORT ELIZABETH, EASTERN CAPE PROVINCE**

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**NOTICE OF AVAILABILITY OF BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT**

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Air Products (Pty) Ltd operate a site at Coega Special Economic Zone (SEZ) situated in Port Elizabeth, Eastern Cape Province, where Liquid Oxygen (LOX) and Liquid Nitrogen (LIN) are currently handled and stored. APSA is proposing to increase the current LOX storage capacity at this site. The LOX storage capacity will be expanded by an additional 103,59 m<sup>3</sup> to a total of 176,29 m<sup>3</sup> either by alternatives of adding an addition vertical storage tank with total capacity of 127,3 m<sup>3</sup> or by replacement of the existing tank with a 200 m<sup>3</sup> LOX tank. In addition, APSA intends to add 23 000 litres (23 m<sup>3</sup>) of above ground diesel storage facility at the site for use for the Air Products trucks that are based in Port Elizabeth.

In terms of Regulation 43(1) of the EIA Regulations, 2014, as amended, this letter serves to inform you that the Basic Assessment Report (BA Report) is available for the public's review and written comments, and a hard copy of the BA Report is included in this envelope to be made available at Motherwell Public Library, NU9, Port Elizabeth.

Please note that the BA Report's review period is from **Wednesday, 05 February 2020 until Friday, 06 March 2020.**

Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

Proof of delivery to be included in  
Final Basic Assessment Report



Proof of BA Report upload onto Savannah  
Environmental's website to be included in final Basic  
Assessment Report