



Background Information Document and Invitation to Comment

BASIC ASSESSMENT FOR VOPAK GROWTH 4 PROJECT, DURBAN, SOUTH AFRICA

OVERVIEW OF THE PROJECT

Vopak Terminal Durban (Pty) LTD, is proposing certain upgrading activities at its Farewell and King sites in the Durban Harbour, within the Island View Petrochemical Complex. The project aims to expand and enhance Vopak's infrastructure to facilitate supply of South Africa's increasing demand for petroleum products and thus improve the security of fuel supply and facilitate the import of cleaner fuels to South Africa.

The Growth 4 project will upgrade tanks and associated infrastructure within existing bunds at the Farewell site where 38 tanks currently make up a total capacity of 32000m³. These will be upgraded to 6 tanks of 20 000 m³ and 6 tanks of 5000 m³ each. The total capacity of the planned expansion is 150 000 m³.

The project will include the following activities:

- Relocate the drumming shed and gantries;
- Build six new tanks of 20 000m³ for fuels (total capacity 120 000m³)- three tanks will be for ULP storage and the other three will be for diesel storage;
- Build six new tanks of 5 000m³ for Clean Petroleum Products/chemicals/base oils (total capacity of 30 000m³);
- One additional 16 inch berth line for CPP to berth 2 ;
- Two backload pump for fuels (1400 m³/hr max);
- Three backload/road loading pumps for base oils/chemicals (300 m³/hr max);
- Four truck loading pumps (with space reservation for two future) for fuels (250 m³/ hr each);
- Demolish 38 tanks with a combined capacity of 32 000m³,

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- New manifold, connected to Fuel 2 manifold, Fuel 2,5 tanks and NMPP;
- Upgrade Fuel 2 substation or new substation;
- Overall Operation and Automation philosophy in line with Fuel 2 and Fuel 3.

The fuels will be transported to the refinery via ship and distributed therefrom via road tanker and the NMPP. For Base oils and bulk chemicals, the inbound flow will be from ship and the outbound flow via road or transfer to neighbouring facilities. Investigations are underway for potential connection to berth 9 (2 X 16 inch pipelines – one Diesel and one ULP) and installation of a new marine loading arm.

PURPOSE OF THIS DOCUMENT

The purpose of this Background Information Document (BID) is to provide Interested and Affected Parties (I&APs) with background information about the proposed project and to outline the Environmental Basic Assessment (BA) process to be undertaken. Further this document intends to inform I&APs on how to participate in the process. You are encouraged to register as an I&AP so that you can be kept informed about the project throughout the BA process.

PERMITS AND AUTHORISATION

A Basic Assessment process must be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended, in order to obtain the necessary environmental authorisation from the competent authority, the Kwa-Zulu Natal Department of Economic Development, Tourism and Environmental Affairs Development (KZN DEDTEA). This process is further outlined on the overleaf. The Basic Assessment Report (BAR) will discuss the potential impacts associated with this activity, assess the likelihood and significance of the potential impacts, as well as identify appropriate mitigation measures that should be implemented in order to minimise the potential impacts.

An update to the existing Air Emissions Licenses for the Farewell/ King and Blend sites will be required in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) and this will be lodged subsequent to a specialist Air Quality Investigation being conducted for the BA process.

Investigations into the need for a Waste Management License will be undertaken as part of the BA process.

Furthermore, Vopak has been granted permission in terms of Section 69 of the ICM Act for the discharge of effluent into coastal waters on 22 June 2015. Coastal Waters Discharge Permit Reference Number: 2014/026/KZN/VOPAK.

THE BASIC ASSESSMENT PROCESS

The EIA regulations outline the activities that require an environmental authorisation to be obtained prior to commencement. The process for obtaining the EA is either through a Basic Assessment (BA) process (Listing Notices 1 (GNR 983) and 3 (GNR 985) or a full Scoping & EIA process (Listing Notice 2 (GNR 984)). The following activities listed in GNR983 are triggered: and require Environmental Authorisation through a BA process:

GNR 983: 31

The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution.

GNR 983: 51

The expansion of facilities for the storage, or storage and handling, of a dangerous good, where the capacity of such storage facility will be expanded by more than 80 cubic metres.

The BA process is a simplified Environmental Impact Assessment and involves concise identification and assessment of potential impacts that the proposed project may have on the biophysical and socio-economic environment, supported by input from specialists, where required. The Basic Assessment Report (BAR) and Environmental Management Programme (EMPr) will be made available for your comment.

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30°59'0"E

31°0'0"E

31°1'0"E

29°51'0"S

29°52'0"S

29°53'0"S

29°54'0"S

29°55'0"S

29°56'0"S

30°58'0"E

30°59'0"E

31°0'0"E

31°1'0"E



Durban

North Coast

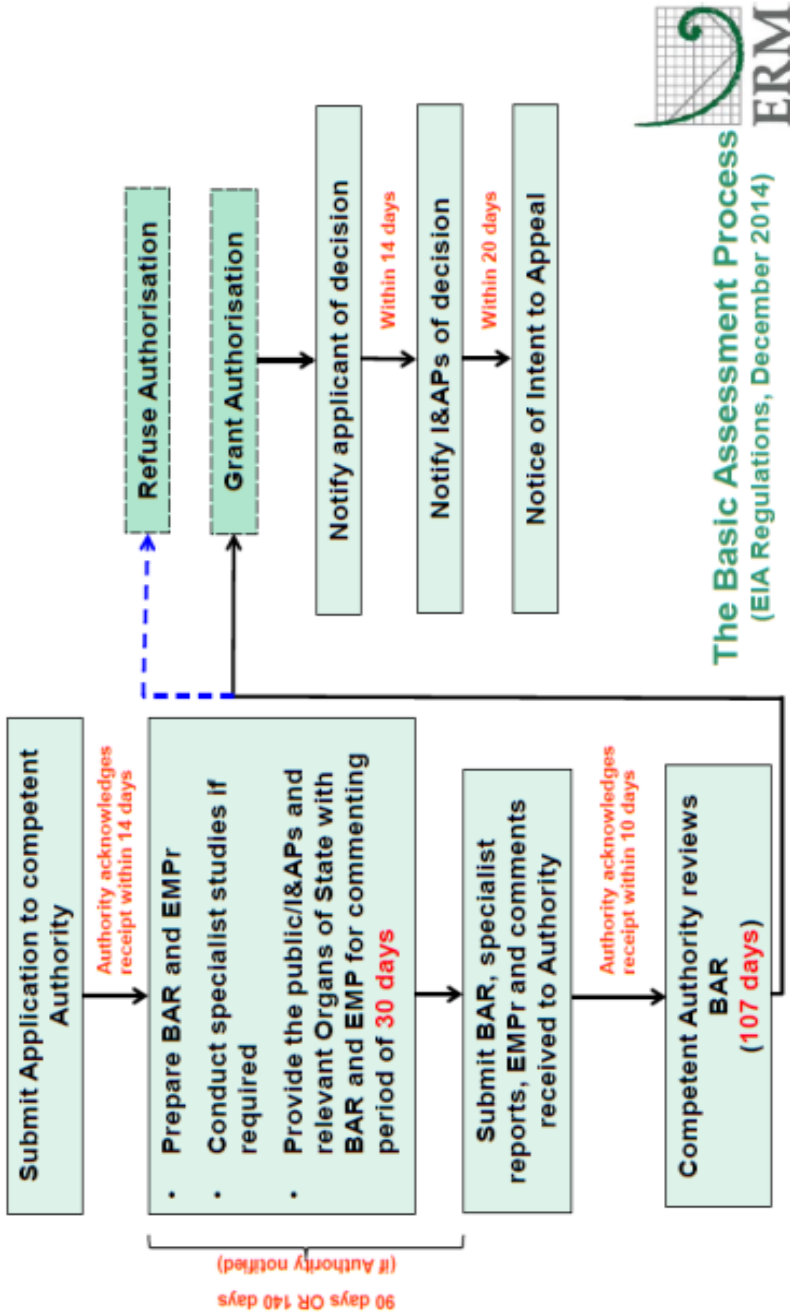
Bayhead Road

Solomon Mahlangu Dr

R102

[29°53'38.00" S, 31°0'0" E]

Source: Esri, DigitalGlobe, GeoEye, IGN, IGP, swisstopo, and the



Basic Assessment for Vopak Growth 4 Project, Durban

HAVE YOUR SAY

As an I & AP you are invited to identify issues and raise concerns that you have about the proposed project. There will be opportunities to comment on the project including the 30 day public notification period (from 15 June to 15 July). The project team will provide a response to the questions, and all comments and responses will be included in the Final BAR that will be submitted to the KZN DEDTEA for their consideration.

ERM's Role

Environmental Resources Management Southern Africa (Pty) Ltd (ERM) has been appointed by Vopak Terminal Growth 4 Project, Durban, to undertake the Basic Assessment (BA) and associated Public Participation Process.

You are invited to register as an I&AP and comment on this project .

Please complete the enclosed registration/comment sheet and/or contact:

Stephanie Gopaul

Tel: 031 265 0033

Fax: 031 265 0150

Postnet Suite 59, Private Bag X21, Westville, 3630

Email: Vopakgrowth4projectdurban@erm.com

Project website: <http://www.erm.com/vopak-terminal-growth-4-project-durban-southafrica>



REGISTRATION AND COMMENT SHEET

Should you have any queries, comments or suggestions regarding the proposed project, please note them below.

Return this comment sheet to Stephanie Gopaul of ERM Southern Africa:

Tel: 031 265 0033

Email: Vopakgrowth4projectdurban@erm.com

Please formally register me as an interested and affected party (I&AP) and provide further information and notifications during the BA process		Yes	No
I would like to receive my notifications by:	Email	Post	Fax

Comments

Title and Name:			
Organisation:			
Telephone:		Fax:	
Cell:		Email:	
Postal Address:			