

5 July 2017

Sibingelela ababambe iqhaza nabathintekayo

MAYELANA: ISAZISO NGOKUSHINSHILE NGESIGUNYAZO NGOKWEZEMVELO KANYE NENDLELA YOKUFAKA ISIKHALAZO: Ukuthuthukiswa kwe-Bulk Liquid Storage ne-Handling Facility ehlongoziwe e-Maydon Wharf, kwitheku lase-Durban (eThekwini), KwaZulu-Natal

Izinkomba (Izinombolo zama Referensi):

Inkomba yesiGunyazo sokuqala ngokweMvelo (eyakhishwa ngomhlaka 12 April 2016): KZN DEDTEA: DM/0071/2014 kanye nenkomba ye-NEAS: KZN/EIA/0001665/2014)

Inkomba yoshinsho lwesiGunyazo ngokweMvelo (eyakhishwa ngomhlaka 27 June 2017): KZN DEDTEA Reference Number: DM/Amend/0071/2017

Njengomuntu owabhalisa ngokuthinteka kwakho, uyaziswa ukuthi i-Oiltanking Grindrod Calulo Terminals (PTY) Ltd (kusukela lana izobizwa ngokuthi i-OTGC) (abafake isicelo somklamo), ifuna ukuthuthukisa i-Bulk Liquid Storage ne-Handling Facility (ebizwa nge-Storage Terminal) e-Maydon Wharf e-Port yase-Durban, kuMasipala waseThekwini. Umklamo uzokwakhiwa kwi-Portion 1 of ERF 10019, Durban (Main Property), esigunyaziwe i-Transnet National Ports Authority (TNPA). I-Council for Scientific and Industrial Research (CSIR) iqhashwe i-Oiltanking Grindrod Calulo Terminals (PTY) Ltd (OTGC) (abafake isicelo somklamo) ngo nyaka ka 2014, ukuthi benze inqubo yalomklamo. Umklamo uhlolewe maqondana nemthetho ye-National Environmental Management Act (Act 107 of 1998), kwashinshwa kwabizwa (NEMA), kanye neMthethonqubo ye-NEMA Environmental Impact Assessment (EIA), eshicilelwe **kwiSaziso saHulumeni (GN) R543, R544, R545 ne R546 on 18 June 2010 (njengoba kushintshiwe)**. i-KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs (KZN DEDTEA) (Abanekhono) yabanika imvumo ngo 8 September 2014, ukuthi benze i-BA, kunokuthi benze inqubo ye Scoring ne-EIA egcwele. Umubiko we-BA Wokugcina wathunyelwa kwi- KZN DEDTEA ngo-October 2015 ukuze bathathe isinqumo (mayelana noMthethonqubo we-NEMA EIA wango-2010). I-KZN DEDTEA, ngokunjalo, yakhipha isGgunyazo ngokweMvelo kule projekthi ngomhlaka 12 April 2016 (Inkomba yase KZN DEDTEA: DM/0071/2014). Isigunyazo sokuqala saisungyaze ukubekwa kwama Bulk Liquids, njengamafutha wamavegi, MEG (Ethylene Glycol), Caustic Soda (Sodium Hydroxide), amafutha angadliwa (ofakwa kwinjini yemoto), nama-Molasses, anesitoreji sa 85 600 m³, ukuba afakwe kuma tangi ase-Storage Terminal esithuthukisiwe. Isigunyazo sokuqala (esakhishwa ngomhlaka 12 April 2016) sasigunyaze nokwakhiwa kwamanye amabhilidi amayelana ne-Storage Terminal, kanye namapayipi ekuzohamba khona ama-Bulk Liquids asuka kwitheku lase-Durban.

Mayelana nokushiwo ngaphezulu, i-OTGC yaphinda yaqasha i-CSIR ngo March 2017 ukuba ithumezele isicelo somklamo esishinshtsiwe imininingwayo ye-OTGC noshintsho komusebenzi ozenziwa i-OTGC. Lolushinshto lwalethwa ngenxa yezidingo zamakasumende nezidingo ze-TNPA. Ushintsho kwaba ukunezelela indawo yokubeka i-Diethylene Glycol (DEG) kwindawo nokubeka (Storage Terminal). Lolushinshto alumangazi mayelana nama- Regulations 29 no 30 ango 2014 kwi-NEMA EIA Regulations (Ashintshiwe), ngenxa yalokhu akubikhona ushintsho kokuthinteka komusebenzi kwe-EA owawukade uzokwenziwa kwi-EA Process yokuqala. Ngalekwalokhu, isicelo somklamo soshintsho safakwa e-KZN DEDTEA ngo-16 May 2017, sihambisana nezincwadi ezidingekayo.

Njengomuntu owabhalisa ngokuthinteka kwakho kanye nokulandelela uMthethonqubo 4(2) woMthethonqubo we-NEMA EIA wango-2014 (njengoba usushinshiwe), uyaziswa ukuthi i-KZN DEDTEA emuva kokuthi ihlole lesisicelo sokufaka ushisho kulomgunyazo wokuqala, ikhiphe Isigunyazwa Sezemvelo (EA) sokuthi lufakwe ushisho kulesigunyazo sokuqala (esakhishwa ngomhlaka 12 April 2016). Umfaki sicelo kanye ne CSIR bazisiwe ngalesiGunyazo esinoshinsho (DM/Amend/0071/2017) nge-Email ethunyelwe ngomhlaka 27 June 2017. Isizathu sesigunyazo sibhalwe Kwisithasiselo A se-EA, futhi ungasithola ngezansi kwalencwadi. i-EA enoshinsho (kanye nezizathu) atholakala kule-website (<https://www.csir.co.za/environmental-impact-assessment>). Ikhophi ye-EA enoshinsho iyatholakala uma uyicela ngokuthintka umphathi womklamo wase-CSIR.

Njengoba kulotshiwe ku Section 2.3.2 (b) wesiGunyazo esinoshinsho (sangomhlaka 27 June 2017), uyacelwa ukuba uqaphele u Chapter 2 (kuMithethonqubo 4) weMithethonqubo yezwe ngokufaka izikhalazo eyashicilelwa ku GN R993 ngomhlaka 8 December 2014, eyaphinde yashinshwa kwi GN R2015 ngomhlaka 12 March 2015, echaza indlela elandelwayo uma kufakwa isikhalazo. Uma ufisa ukufa isikhalazo ngesinqumo mayelana nale projekthi, ungafa isikhalazo kwi Appeal Administrator, uphinde ufuthi uthumele ikhophi yalesi sikhhalazo kumfaki sicelo we projekthi. Isikhalazo ungasifaka ngaphakathi kwezinsuku eziwu-20 zokukhishwa kwe-EA noma zokukhishwa kwencwadi eyazisa ababhalisiwe mayelana nesinqumo (okusho ukuthi izinsuku ezingu 20 kusukela ngomhlaka 5 July 2017) ngokukhetha eyodwa yalezindlela:

Ngeposi: Private Bag X001, Bishopsgate, 4008, Durban
Ngekheleli: 9th Floor, The Marine Building, 22 Dorothy Nyembe Street, Durban, 4001
Nge-Fax: 031 310 5416
Nge-Email: Haresh.Inderlall@kznedtea.gov.za

Izikhalazo zithunyelwa ku-Mr Haresh Inderlall, otholaka ocingweni kulenombolo (031 310 5306). Uma uthumela isikhalazo, kumele ubhale lenkomba: inkomba ye-KZN DEDTEA: DM/Amend/0071/2017.

Uma unemibuzo, thintana nomphathi womklamo wase-CSIR obhalwe ngezansi.

Ngobuqhotho,



Paul Lochner (EAPSA) Certified
Umphathi we-EMS yase-CSIR
CSIR Environmental Management Services



Rohaida Abed
Umphathi womklamo wase-CSIR
CSIR Environmental Management Services

Appendix 1 – Reasons for the Decision



edtea

Department :
Economic Development, Tourism and
Environmental Affairs

PROVINCE OF KWAZULU-NATAL

Enquiries: Ms. Vanessa Macloed Telephone: 031 – 366 7338 Private Bag : X9152
Imibuzo : Ucingo : Isikhwama Seposi: Pietermaritzburg
Navrae : Telefoon : Privaat Sak : 3200

Reference: DM/Amend/0071/2017 Fax : n/a Date :
Inkomba : iFeksi : Usuku : 27 / 06 / 2017
Verwysing: Faks : Datum :

Fax Transmission

Messrs Oiltanking Grindrod Calulo Terminals (Pty) Ltd
4 Bree Street – 1502A Portside
Cape Town
8001

Attention : Mr. Dirk Exalto
Tel : 021 421 6250
Fax : 021 421 4334
Cell : 082 525 2266
Email : dirk.exalto@oiltanking.com

Dear Sir/Madam

DM/AMEND/0071/2017: AMENDMENT OF ENVIRONMENTAL AUTHORISATION FOR THE CHANGE OF CONTACT PERSON DETAILS AND PROJECT DESCRIPTION FOR THE UPGRADE OF A BULK LIQUID STORAGE AND HANDLING FACILITY ON PORTION 1 OF ERF 10019, DURBAN, SITUATED AT THE CORNER OF FLETCHER AND JOHNSTONE ROADS, BAYHEAD, MAYDON WHARF, LOCATED WITHIN ETHEKWINI MUNICIPALITY.

- The Environmental Authorisation (EA) for the above-mentioned project, reference number DM/0071/2014 dated 12 April 2016, and the application for amendment with reference no. DM/Amend/0071/2017 received by the Department on 11 May 2017 which included the change of contact person details and project description for the amendment application to the Environmental Authorisation in terms of the provisions of sub-regulation 28(1) of the National Environmental Management Act (NEMA) Environmental Impact Assessment (EIA) Regulations, 2014 as amended refers.
- The KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs in terms of the powers vested in it by sub-regulation 27(2)(a) of the EIA Regulations, 2014 (as amended), hereby amends the following as contained in the EA with reference number DM/0071/2014 granted on 12 April 2016:

- 2.1 **Contact person details**
- 2.2 **Project description**

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"Attainment of a Radically Transformed, Inclusive and Sustainable Economic Growth for KwaZulu-Natal"

3. Contact Person details are amended from:

Messrs Oiltanking Grindrod Calulo Terminals (Pty) Ltd
Unit 17, Victoria Junction
Green Point
Cape Town
8001

Tel : 021 421 6250
Cell : 082 323 6473
Email : gideon.loudon@oiltanking.com

To read as follows:

Messrs Oiltanking Grindrod Calulo Terminals (Pty) Ltd
4 Bree Street – 1502A Portside
Cape Town
8001

Tel : 021 421 6250
Fax : 021 421 4334
Cell : 082 525 2266
Email : dirk.exalto@oiltanking.com

Project description amended from:

The project will entail the following activities:

- Decommissioning and demolition of ancillary infrastructure, including two of the Molasses storage tanks at the existing terminal site, excluding existing Tank Numbers 1, 4 & 5, the existing municipal substation and the OTGC Terminals' substation;
- Decommissioning of all existing structures and infrastructure at the Marine Training School site;
- Site clearing and leveling;
- Construction of 19 new aboveground storage tanks, with bunding, for the storage of Caustic Soda, Mono Ethylene Glycol (MEG), Vegetable Oils/Base Oil as well as ancillary infrastructure¹;
- Construction of the six new pipelines between the upgraded terminal and existing berths 8 and 9 for the transfer of Caustic Soda, MEG and Vegetable Oils/Base Oil;
- Construction of the remaining associated infrastructure as described (including but not limited to fencing, boiler room, generator, operations office, administrators office, separator, security kiosks, road tanker loading gantry, parking areas, and entrance gates);
- Installation of the road tanker loading gantry;
- Operation of the three (3) remaining (existing) above ground tanks for the storage of Molasses at the existing terminal site;
- Operation of the two (2) existing pipelines (for Molasses) at the existing terminal site. These two existing pipelines first need to be inspected and tested before being upgraded or substituted; and,
- Operation of 19 new tanks and six pipelines for the respective storage and transfer of Caustic Soda, MEG and Vegetable Oils/Base Oil.

¹ Original description is not in bold, however emphasis added for the purpose of the amendment.

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"Attainment of a Radically Transformed, Inclusive and Sustainable Economic Growth for KwaZulu-Natal"

To read as follows:

- Decommissioning and demolition of ancillary infrastructure, including two of the Molasses storage tanks at the existing terminal site, excluding existing Tank Numbers 1, 4 & 5, the existing municipal substation and the OTGC Terminals' substation;
- Decommissioning of all existing structures and infrastructure at the Marine Training School site;
- Site clearing and leveling;
- **Construction of 19 new aboveground storage tanks, with bunding, for the storage of Caustic Soda, Glycols [including Mono Ethylene Glycol (MEG) and Diethylene Glycol (DEG)], Vegetable Oils/Base Oil as well as ancillary infrastructure²;**
- Construction of the six new pipelines between the upgraded terminal and existing berths 8 and 9 for the transfer of Caustic Soda, Glycols and Vegetable Oils/Base Oil;
- Construction of the remaining associated infrastructure as described (including but not limited to fencing, boiler room, generator, operations office, administrators office, separator, security kiosks, road tanker loading gantry, parking areas, and entrance gates);
- Installation of the road tanker loading gantry;
- Operation of the three (3) remaining (existing) above ground tanks for the storage of Molasses at the existing terminal site;
- Operation of the two (2) existing pipelines (for Molasses) at the existing terminal site. These two existing pipelines first need to be inspected and tested before being upgraded or substituted; and,
- Operation of 19 new tanks and six pipelines for the respective storage and transfer of Caustic Soda, Glycols and Vegetable Oils/Base Oil.

Background and Reasons for amendment

4. An environmental authorisation was granted on 12 April 2016 for the Upgrade of a Bulk Liquid Storage and Handling Facility on Portion 1 of Erf 10019 Durban, situated at the Corner of Fletcher and Johnstone Roads, Bayhead, Maydon Wharf located within the eThekweni Municipality.
5. OTGC currently owns a Storage Terminal located at 55 Johnstone Road in Maydon Wharf.
6. Currently, the terminal operations include the storage, handling and distribution of Molasses.
7. The terminal has reportedly been storing Molasses since 1964 under the name of Pure Cane Molasses (Environmental Resources Management (ERM), 2012), and the initial lease was signed in 1960.
8. In 2003, the name of the terminal operator changed from Pure Cane Molasses to Tate and Lyle (ERM, 2012). In 2006, Grindrod Tank Terminals took over the terminal from Tate and Lyle (ERM, 2012). On 19 July 2012, TNPA issued Grindrod Tank Terminals with a Liquid Bulk Terminal Operator License. This license was then transferred to OTGC on 18 July 2013 and is valid until May 2035.
9. The project description was amended to add the storage of a new product, namely Diethylene Glycol (DEG).
10. The reasons for this amendment as indicated in the prescribed application form dated 11 May 2017 are as follows:
 - 10.1 The current storage of Molasses at the existing Storage Terminal does not generate enough revenue to justify the installation of impermeable bund walls around the existing Molasses storage tanks.

² Original description is not in bold, however emphasis added for the purpose of the amendment.

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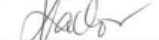
- 10.2 The original Risk Assessment carried out as part of the basic assessment process in 2015 explained that Molasses is not a hazardous chemical, and thus bunding is not required solely for Molasses tanks. However, OTGC is determined to make a concerted effort in order to comply with the TNPA requirements, particularly the installation of bunding.
- 10.3 OTGC is proposing to store both MEG and DEG at their existing Maydon Wharf Storage Terminal in the near future, so that additional revenue can be generated in order to enable the installation of the requested bunding. This will improve the current conditions at the site, and will allow for better management and control of potential spillages at the terminal.
- 10.4 The rights of the public would not be adversely affected.
- 10.5 This amendment is considered as non-substantive.

11. Notification to interested and affected parties:

The holder of this amendment must comply with regulation 4(2) of the EIA Regulations, 2014 (as amended) and within **14 days** of the date of the decision on this amendment ensure that:

- a. All registered interested and affected parties are provided with access to the decision and the reasons for the decision; and;
- b. The attention of all registered interested and affected parties is drawn to the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations, 2014 (as amended), if such appeal is available in the circumstances of the decision.

Date of amendment of environmental authorisation: 27 June 2017



for: Head of Department
Signed by: Ms. V. Maclou
District Manager: eThekweni District
KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs

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