

Notice of Variation

Environmental Permit

Environment Protection Act (CAP. 549)

Variation number
EP 0016/14/V1

Permit number
EP 0016/14

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under the Environment Protection Act (CAP. 549) and applicable subsidiary legislation referred to in this permit, hereby authorises:

Mr Derek Ong Lianwei o.b.o. Valletta Gateway Terminals (hereinafter “the Permit Holder”)
Company Registration Number: **C 38888**

Of/ Whose registered office is at:

**Valletta Gateway Terminals,
Triq Belt il-Hazna,
Marsa, MRS 1309**

to operate installation at:

**Valletta Gateway Terminal
Deep Water Quay
Marsa
MRS 1916**

And

**Valletta Gateway Terminal
Laboratory Wharf
Corradino
PLA 3000**

This variation is valid until the expiry of the permit EP 0016/14 which is **four (4) years** from the ‘permit granted’ date below. An application for renewal is to be submitted at least **six (6) months** prior to expiry of EP 0016/14.

Signed	Date
Perit Vincent Cassar Chairman	Permit granted: 18/ 02/ 2020 Variation notice granted: 14 / 04 / 2023

Authorised to sign on behalf of the Competent Authority

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Introductory Note

The enclosed notice of variation shall be read in conjunction to the permit with reference EP 0016/14 and shall take effect as of the date indicated on the covering page.

The Authority is hereby varying the covering page, Section 1, Section 3, Schedule 1, Schedule 2B and Schedule 4 as specified hereunder.

Covering Page

The Permit Holder details shall be amended as follows:

Mr Derek Ong Lianwei o.b.o. Valletta Gateway Terminals (hereinafter “the Permit Holder”)

Section 1 – General conditions

Status log in condition 1.1 shall be replaced by the following:

Detail	Date
<i>Application for EP submitted</i>	9 th June 2014
<i>Permit Issued (EP 0016/14)</i>	18 th February 2020
<i>Variation Issued (EP 0016/14/V1)</i>	As per covering page

Table 1.1.1 shall be amended as follows:

- 1.1.1 The Permit Holder is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

Table 1.1.1		
Activity	Description of specified activity	Limits of specified activity
Quayside operation	The loading and unloading by means of shore gantry and ships' cranes of containers and cargo, including timber packs, break-bulk, bulk, heavy lifts, mobiles and	From loading and unloading activities of cargo by vessels berthed at terminal.

		unit loads, carried by vessels, which are berthed alongside any one of the berths of the terminal.	
Container operations	yard	The handling of containers and other cargo from the quay area to the container yard within the terminal or vice versa.	From handling of containers and other cargo within terminal.
Loose loading activities	cargo	The receipt and delivery of loose cargo to be packed or unpacked into / from containers located on the terminal.	From receipt to delivery of loose cargo within terminal.
Ancillary activities		Ancillary activities including, container repairs, reefer monitoring repair, and other provision of utility services to vessels, such as vessel garbage removal, mooring and unmooring of vessels, bunkering, facilitation of cargo inspection, storage of cargo, license measurements and cargo survey, ship planning delivery or receipt from lighters or barges, packing and unpacking containers, cleaning of containers, lashing and unlashng of containers and hatch cover removals.	From required ancillary activities of moored vessels to provision of utility/service.
		One (1) standby diesel generator to produce electricity.	From receipt of fuel to delivery of energy.
		One (1) oil/water separator with discharge to sea	From collection of potentially contaminated wastewater from the

		area, storage and treatment of such waters, to discharge of treated waters to sea.
Vehicle/equipment maintenance and repair.	Maintenance and repairs on vehicles (engine and body-parts) and equipment (with the exception of spray painting) in the maintenance garage within the installation as well as refuelling of own equipment.	From maintenance/repair activity to appropriate recovery/disposal of any waste generated on site.
Associated activity of waste management	Handling and storage of waste generated from installation prior to dispatch offsite.	From generation of waste to dispatch for disposal or recovery (including recycling) offsite.

Condition 1.3.13 shall be amended as follows:

- 1.3.13 This permit is issued against a bank guarantee of **€9,700** which shall be renewed annually. This guarantee will have to be maintained throughout the validity of the permit. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee.

1.5 Improvement Programme

The following Improvement Programme item shall be included in Table 1.5.1:

Table 1.5.1: Improvement programme		
Reference	Requirement	Deadline
3.	Submission of certification for the oil-water separator by an independent and warranted engineer showing that the separator is in accordance with Condition 3.2.6	Within one (1) month from the granting of the variation notice

Section 2 – Site Infrastructure and Operations

No changes

Section 3 – Operating Conditions

3.2 Effluent Discharges

The following conditions shall be included:

- 3.2.2 The operations shall not hinder the achievement of the environmental objective of any protected area or for the relevant water body as established in the Water Policy Framework Regulations (S.L. 549.100) and the Flora, Fauna and Natural Habitats Protection Regulations (S.L. 549.44).
- 3.2.3 The Permit Holder shall not allow the introduction into groundwater of any substance included in the Regulations for the Protection of Groundwater against pollution and deterioration (S.L. 549.53). The Permit Holder shall also not allow any discharges to groundwater for substances other than those specified in the Regulations unless specifically permitted by the Malta Resources Authority.
- 3.2.4 In case of contamination to the seawater body (including but not limited to scum, foam, particulates or other residual matter) resulting from the permitted operations at the installation, the Permit Holder is to ensure:
- That the polluting activity is immediately stopped
 - Contamination is contained, collected and disposed of at authorised facilities
 - Inform the authority immediately on ced.coast@era.org.mt.
- 3.2.5 Discharges to the marine environment shall only take place through the discharge point specified in Table 3.2.6, as marked in Schedule 2, as per description in the submitted Environmental Permit Application.

Table 3.2.6: Emission point to marine environment		
Emission Point Reference¹	Source	UTM coordinates (Easting, Northing)
E1	Treated water from the oil-water separator	35°53'05.8"N 14°30'22.4"E

- 3.2.6 The oil-water separator shall be inspected and certified by an independent warranted engineer within one (1) month of granting of this variation and at least once every year thereafter, and shall amongst other things inspect the interceptor for efficiency of operation. The provision of this certification to the Authority shall take place as part of the AER.

¹ According to Section 6 of the Environmental Permit application

- 3.2.7 Any potentially contaminated run-off from refuelling and dispensing areas shall be adequately contained and routed through a gutter leading to a light liquid separator system for petroleum, such that no fuel can escape from the installation. The fuel separator system installed shall be of the type Separator Class 1 in accordance to “MSA EN 858 - Separator systems for light liquids (e.g. oil and petrol). Principles of product design, performance and testing, marking and quality control.”
- 3.2.8 The oil-water separator and related gutters shall be monitored and maintained to ensure efficient operations. A log of waste removal from the interceptor shall be maintained on site and be available for inspection by the Authority.
- 3.2.9 The Permit Holder shall carry out monitoring for the parameters listed in Table 3.2.10 prior to discharge to sea.
- 3.2.10 Monitoring of E1 (as per Table 3.2.10) prior to discharge to sea shall be carried out every six (6) months. Sampling with replicates shall take place at least twice during the year and is to reflect seasonal and operational variations (i.e. winter and summer).

Table 3.2.10: Emission limits to the marine environment			
Emission point reference	Parameter	Limit	Frequency
E1	pH	6-10	Minimum of 2 sampling exercises per annum. Sampling with replicates to take place during summer and winter peaks.
	Temperature	5°C above ambient	
	Chemical Oxygen Demand	125 mg/L O ₂	
	Biological Oxygen Demand	25mg/L O ₂	
	Total Suspended solids	35mg/L O ₂	
	Total Nitrogen	10mg/L N	
	Total Phosphorus	1mg/L	
	Chromium	0.5 mg/L	
	Copper	0.5mg/L	
	Lead	1.3 µg/L	
	Mercury	0.05 µg/L	
	Nickel	8.6 µg/L	
	Tin	1.0mg/L	
	Zinc	0.5mg/L	
	Cadmium	0.2 µg/L	
	Tributyltin compounds (Tributyltin-cation)	0.0002 µg/L	
	Arsenic	5 µg/L	
Benzene	8 µg/L		
C10-C13 chloroalkanes	0.4 µg/L		

	Polychlorinated biphenyls	3 µg/L	
	Benzo(a)pyrene	1.7 x 10 ⁻⁴ µg/L	
	Benzo(b)fluor-anthene: Sum of 2 PAHs	0.03 µg/L	
	Benzo(k)fluor-anthene: Sum of 2 PAHs	0.03 µg/L	
	Benzo(g,h,i)-perylene: Sum of 2 PAHs	0.002 µg/L	
	Indeno(1,2,3-cd)- pyrene: Sum of 2 PAHs	0.002 µg/L	
	Petroleum hydrocarbons	5mg/L	

- 3.2.11 The parameters, limits and frequency specified in Table 3.2.10 may be subject to revision by the Authority, as deemed necessary. These limits shall not be used as means of selecting the detection limits of the equipment or analytical method to be used.
- 3.2.12 The Permit Holder shall make sure that any sampling and chemical analyses is carried out by a laboratory accredited (or in the process of accreditation, as confirmed by the National Accreditation Body (NAB-Malta) or equivalent to at least EN ISO 17025:2005/Cor 1:2006 and preferably for each and every test listed in Table 3.2.10. The Permit Holder shall include a copy of the laboratory's accreditation certification in the AER. Certificates of analyses are to be submitted with monitoring results.
- 3.2.13 In the case of monitoring that makes use of multi-parametric probes, these are to be calibrated as per instrumentation standard. A copy of latest certification is to be submitted to the Authority together with the monitoring results.
- 3.2.14 The Permit Holder shall make sure that sampling, chemical analysis and any statistical data analyses is carried out according to the requirements in Schedule XI of S.L. 549.100.
- 3.2.15 The results obtained may require the Permit Holder to submit an action programme to the Authority aimed at reducing the emission limits of certain parameters, as deemed necessary by the Authority.
- 3.2.16 The effluent monitoring results shall be submitted as part of the Annual Environmental Report. The information contained in this report shall be prepared in accordance with the format specified in Schedule 1.
- 3.2.17 Foul sewer drains must be strictly segregated from storm water drains.

Rainwater from areas where contamination by oil or chemicals is likely (such as loading/unloading and bunded areas) shall pass through an adequately sized interceptor.

3.5 Tank storage and refuelling

Conditions 3.5.16, 3.5.17 and 3.5.18 shall be omitted in view that similar conditions shall now be included in Section 3.2 Effluent Discharge

Section 4 – Site Management

No changes

Schedule 1 – Annual Environment Report

Table S1.5 shall be included as follows:

S1.5 Monitoring Data**S1.5.1 Emissions to the Marine Environment**

Parameter	Emission point reference	Limit Value	Standard methodology used	Winter Peak Results	Summer Peak Results	Total annual number of exceedances ¹
pH	E1	6-10				
Temperature		5°C above ambient				
Chemical Oxygen Demand		125 mg/L O ₂				
Biological Oxygen Demand		25mg/L O ₂				
Total Suspended solids		35mg/L O ₂				
Total Nitrogen		10mg/L N				
Total Phosphorus		1mg/L				
Chromium		0.5 mg/L				
Copper		0.5mg/L				

¹ If the total number of exceedances exceeds 0, the value of each of these exceedances (for the reporting year) must be submitted in a separate report, together with action taken to regularise the situation.

Lead		1.3 µg/L				
Mercury		0.05 µg/L				
Nickel		8.6 µg/L				
Tin		1.0mg/L				
Zinc		0.5mg/L				
Cadmium		0.2 µg/L				
Tributyltin compounds (Tributyltin-cation)		0.0002 µg/L				
Arsenic		5 µg/L				
Benzene		8 µg/L				
C10-C13 chloroalkanes		0.4 µg/L				
Polychlorinated biphenyls		3 µg/L				
Benzo(a)pyrene		1.7 x 10 ⁻⁴ µg/L				
Benzo(b)fluor-anthene: Sum of 2 PAHs		0.03 µg/L				
Benzo(k)fluor-anthene: Sum of 2 PAHs		0.03 µg/L				
Benzo(g,h,i)-perylene: Sum of 2 PAHs		0.002 µg/L				

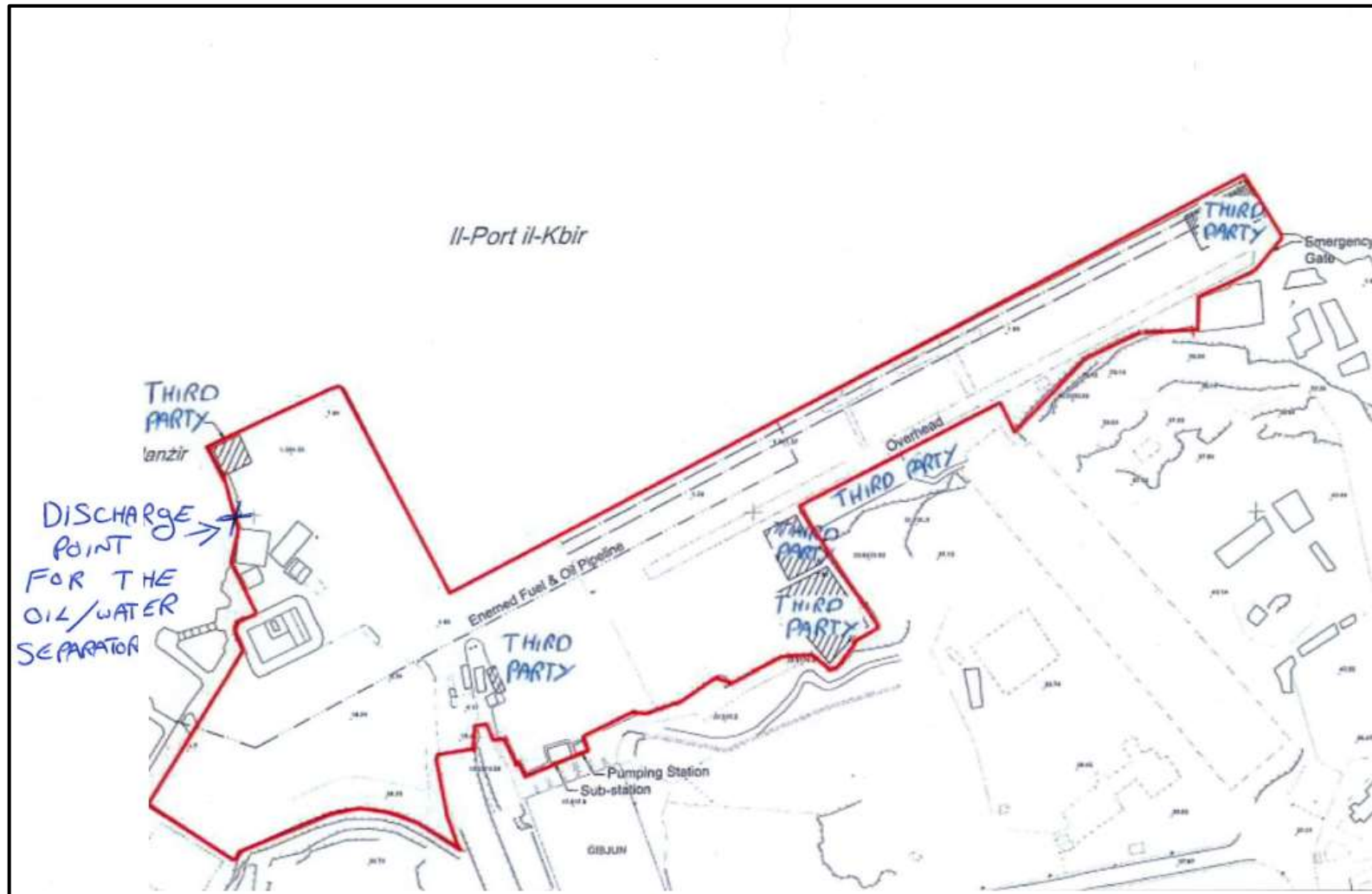
Indeno(1,2,3-cd)-pyrene: Sum of 2 PAHs		0.002 µg/L				
Petroleum hydrocarbons		5mg/L				

Schedule 2A – Site Map

No changes

Schedule 2B – Site Map

Figure 3.2 shall be replaced by the following:



Schedule 3 – Minimum requirements for an Environment Management System (EMS)

No changes

Schedule 4 – Submissions of certifications and documentation

The table in Schedule 4 shall be amended as follows:

Condition Number	Documentation
1.5.1	Improvement Programme Items as per Table 1.5.1
3.3.5	Certification for the stand-by generator every four (4) years
3.5.3	Certification of fuel storage bunds every three (3) years
3.2.7	Certification of the oil-water separator annually
3.2.16	Effluent monitoring results as part of the Annual Environmental Report
4.5.1	Submission of Annual Environmental Report

END OF NOTICE