



# Port Waste Management Plan



George Town, Grand Cayman



Creek, Cayman Brac

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## United Nations Code for Trade and Transport Locations (UN/LOCODE)

### KY CAYMAN ISLANDS

CH	LOCODE	Name	NameWoDiacritics	Coordinates
	KY CYB	Cayman Brac	Cayman Brac	1943N 07949W
	KY GEC	Georgetown, Grand Cayman	Georgetown, Grand Cayman	1918N 08123W
	KYGCM	Grand Cayman	Grand Cayman	1917N 08121W
	KY LYB	Little Cayman	Little Cayman	

<https://service.unece.org/trade/locode/ky.htm>

#### GEORGE TOWN, Grand Cayman

Lat 19° 17.717' N; Long 81° 23.092' W. Capital of the Cayman Islands

Admiralty Chart: 462

Admiralty Pilot: 70

Time Zone: GMT -5h

UNCTAD Locode: KY GEC

#### CREEK, Cayman Brac

Lat 19° 44.77N; Long 079° 46.08W.

Admiralty Chart: 462

Admiralty Pilot: 70

Time Zone: GMT -5h

UNCTAD Locode: KY CYB

### Overview and Legal Basis

Worldwide, the management of waste to prevent pollution of the environment has resulted in many countries enacting laws and the IMO producing The International Convention for the Prevention of Pollution (MARPOL).

### Purpose of the Waste Management Plan

The primary purpose is to comply with legislation pertaining to the collection and disposal of waste, ensure all vessels berthing at the Port of George Town Grand Cayman and Creek Cayman Brac, are able to land and dispose of waste materials and to encourage the regular disposal of vessel-generated wastes in an environmentally sustainable and legally correct manner. It is also the aim, to tailor and improve existing port waste facilities by streamlining and analyzing them, to the requirements of the users, through regular consultation and dialogue.

The plan advises ship's personnel of the arrangements in place within the Port Authority Cayman Islands for the disposal of ship's waste in accordance with the relevant MARPOL Annexes.

The Plan also defines procedures that will ensure that waste reception facilities are adequate to meet the needs of ships normally using the port to dispose of all waste efficiently and without causing undue delay.

### **The need for Waste Reception Facilities**

Annex V of MARPOL deals with the garbage produced onboard ships and ways to prevent pollution from the same. It follows that in order to prevent vessels dumping waste/garbage at sea that will pollute the oceans, requires port facilities to have adequate reception facilities to receive the waste/garbage generated by vessels.

The Cayman Islands has enacted the National Conservation Law and there are sections of the Port Law and Regulations that also address the issue of unlawful disposal of waste in the waters of the Cayman Islands.

**Section 26.** of the Port Regulations 2020 states: A person who deposits, places or discharges into territorial waters, any ballast, dunnage, sewage, butcher's offal, garbage, dead animals, gaseous liquid or solid matter, oil, gasoline, residuum of gas, calcium, carbide, trade waste, tar or refuse, or any other matter which is capable of producing floating matter or scum on the surface of the water, sediment or obstruction on the ocean bed, or odor's or gases of putrefaction commits an offence.

### **MARPOL Annex V - Regulation 7 - Reception facilities states:**

- (1) The Government of each Party to the Convention undertakes to ensure the provision of facilities at ports and terminals for the reception of garbage, without causing undue delay to ships, and according to the needs of the ships using them.
- (2) The Government of each Party shall notify the Organization for transmission to the Parties concerned of all cases where the facilities provided under this regulation are alleged to be inadequate.

### **Plan Revision**

Following formal approval of this plan by the pertinent Stakeholders, updates to it will be considered as a result of periodic review and regular monitoring. Should any proposals for change be considered necessary, the consultation process will continue to apply before any such changes are implemented.

This Plan has an approved lifespan of 3 years from the date of approval by the Stakeholders and it will be submitted in its entirety for re-approval after that time or if any major changes at the port are likely to affect the volumes or types of waste received.

Approval of plan revision is the responsibility of the Deputy Director, Port Operations and Manager Cruise Operations and Security.

All revisions will first be submitted to Stakeholders for formal approval before being incorporated into the Manual. Once approved, revision update(s) will be forwarded to all Plan holders as notated in the distribution list of this plan.

#### **DISTRIBUTION LIST – INTERNAL**

	<b>COPY NUMBER</b>
Lead Management PACI	01
Harbour Patrol	02
Security	03
Port Operations Managers/Supervisors	04

#### **DISTRIBUTION LIST – EXTERNAL**

	<b>COPY NUMBER</b>
Department of Environmental Health	05
NMSIICCWG	06
Maritime Coastguard Agency (MCA)	07
Waste Contractor (s)	08
Cayman Islands Water Authority	09
Ship Agents and Port Users as per appendix 3	On Request - UNCONTROLLED

#### **REVISION HISTORY**

<b>Date</b>	<b>Section</b>	<b>Page (s)</b>	<b>Brief Details</b>	<b>Amended BY</b>



## Waste Reception Facilities Available

The Port of George Town and the Port of Creek are only equipped to receive regular consumer garbage, with sewage services available via truck from third party vendors. The waste reception facility is a 20 cubic foot metal bin. Garbage must only be consumer waste such as food waste, paper, and other consumer type waste and should not include oily waste, used oils, paints, medical waste, bio-hazardous, hazardous chemicals, or radioactive waste.



## Inadequate facilities

If waste reception facilities in a port are inadequate (for example, facilities are not available or access is exceedingly difficult, resulting in undue delay), the master should communicate all relevant details as soon as possible to the vessel's flag state.

A report should be made while the vessel is at berth at the Port. Contact can be made via VHF 16 to the Port Security Office who will contact the Supervisor or Manager on duty.

Contact via email should go to [pfso@caymanport.com](mailto:pfso@caymanport.com).

Phone numbers for point of contact: 1345-9143700 or 1345-9256183

## Notification by Vessels

All ships calling at the port must provide a Pre-Arrival Notice at least 24 hours before arrival in port. A notification that it wishes to conduct waste disposal can be made at that time, or as soon as possible after berthing at the Port. In responding, the Port Authority will inform the ship of the type of waste it can handle and what types of waste it cannot handle.

#### **Delivery of Vessel-Generated Waste**

The master of a vessel calling at the George Town shall ensure that all vessel-generated waste is in secure garbage bags capable of containing it as it is moved from the ship to the Port's Waste Reception Facility.

Before removing any garbage from any vessel berthed at the Port, the vessel is required to call Port Security on VHF 16 to advise that it wishes to dispose of garbage so that either the Department of Environmental Health (DEH) Officer or in their absence, a Port Security officer can monitor the disposal to ensure that it complies with this plan. The disposing officer from the vessel will be asked to sign and confirm that the garbage being disposed of complies with Port's Waste Management Plan and does not contain any of the materials which the Port does not currently accept. Cruise Lines have agreed that they will not dispose of any waste in Ports of Call and as such, the Port Authority does not accept any waste from cruise ships.

#### **Charges for Disposal of Vessel Generated Waste**

**128A.** The following charges are payable for disposal of vessel generated waste services supplied at a port, or for the use of garbage disposal facilities at a port, in respect of:

- (a) a commercial vessel less than 500 GRT KY\$75 per voyage
- (b) a commercial vessel not less than 500 GRT KY\$300 per voyage
- (c) a locally based commercial vessel KY\$100 per month
- (d) any other non-commercial vessel KY\$15 per voyage

Upon receipt of the relevant payment, the Authority shall, on request of the vessel's master, issue a Garbage Disposal Certificate certifying that the vessel's garbage was disposed of properly in a port.

#### **Hazardous Waste**

Wastes are classified as hazardous if they exhibit one or more of ignitability, corrosivity, reactivity, or toxicity. Hazardous wastes are defined as any waste or combination of wastes which pose a substantial present or potential hazard to human health or living organisms because such wastes are non-degradable or persistent in nature or because

they can be biologically magnified, or because they can be lethal, or because they may otherwise cause or tend to cause detrimental cumulative effects.

Currently the Port does not accept hazardous waste and will not be in a position to do so until the National Waste Management Program is completed and operational.

### **Sewage**

All arrangements for sewage removal must be made by the Ships Agent and communicated to Port Security. Bulk sewage can be discharged into truck tankers for disposal at the Water Authority's treatment plant.

### **Oil/Oily waste**

All items falling in this category of waste will be collected in the approved storage containers, stored at the designated area on the port, and disposed of at the Department of Environmental Health landfill site on a weekly schedule or as necessary depending on the amount received from the ships. Arrangements for removal of oil /oily waste can be done by the ship's agent via a third-party contractor who will have approval from the Port to provide this service.



DEH accepted container for oily waste disposal.





DEH accepted container for waste oil disposal.

## Signatures

In witness whereof, the parties to the Plan through their duly authorized representatives have executed this Plan on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this Plan as set forth herein.

The effective date of this Plan is the date of the signature last affixed to this page.

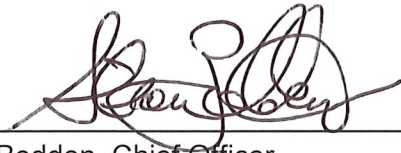
### Port Authority Cayman Islands (PACI)

Ministry District Administration, Tourism & Transport (DATT)



Joseph Woods, Acting Port Director

Date: 25.3.2021

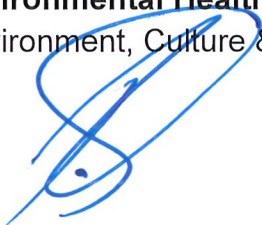


Stran Bodden, Chief Officer

Date: 25/3/21

### Department of Environmental Health (DEH)

Ministry Health, Environment, Culture & Housing (HECH)



Richard Simms, Director

Date: 25/3/2021



Nellie Pouchie, Chief Officer (Acting)

Date: 25 Mar 2021



## ADVANCE NOTIFICATION FORM

### FOR WASTE DELIVERY TO PORT RECEPTION FACILITIES

**Notification of the Delivery of Waste to:** .....  
(enter name of port or terminal)

*The master of a ship should forward the information below to the designated authority at least 24 hours in advance of arrival or upon departure of the previous port if the voyage is less than 24 hours*

***This form shall be retained on board the vessel along with the appropriate Oil RB, Cargo RB or Garbage RB***

### DELIVERY FROM SHIPS (ANF)

#### SHIP PARTICULARS

Name of ship:	Owner or operator:
IMO number:	Distinctive number or letters:
Gross tonnage:	Flag State:
Type of ship: <input type="checkbox"/> Oil tanker <input type="checkbox"/> Chemical tanker <input type="checkbox"/> Bulk carrier <input type="checkbox"/> Container <input type="checkbox"/> Other cargo <input type="checkbox"/> Passenger ship <input type="checkbox"/> Ro-ro <input type="checkbox"/> Other (specify) ship	

#### PORT AND VOYAGE PARTICULARS

Location/Terminal name and POC:	Last Port where waste was delivered:
Arrival Date and Time:	Date of Last Delivery:
Departure Date and Time:	Next Port of delivery (if known):
Last Port and Country:	Person submitting this form is (if other than the master):
Next Port and Country (if known):	

Type	Maximum dedicated storage capacity m <sup>3</sup>	Amount of waste retained on board m <sup>3</sup>	Estimated amount of waste to be discharged m <sup>3</sup>	Initials of Port Staff Acknowledging Receipt of the waste discharged	Port at which remaining waste will be delivered (if known)
<b>MARPOL Annex I – Oil</b>					
Oily bilge water					
Oily residues (sludges)					
Oily tank washings					
Dirty ballast water					
Scale and sludge from tank cleaning					
Other (please specify)					
<b>MARPOL Annex II – NLS</b>					
Category X substance					
Category Y substance					
Category Z substance					
OS – other substances					
<b>MARPOL Annex IV – Sewage</b>					
Sewage					



<b>MARPOL Annex V – Garbage</b>				
Plastic				
Floating dunnage, lining or packing material				
Ground paper products, rags, glass, metal, bottles, crockery				
Cargo residues, paper products, rags, glass, metal bottles, crockery				
Food waste				
Incinerator ash				
Other wastes (specify)				

<b>MARPOL Annex VI – Prevention of Air Pollution from Ships</b>				
Ozone-depleting substances and equipment containing such substances				
Exhaust gas-cleaning residues				
<b>MARPOL Annex II – Noxious Liquid Substances (NLS) in Bulk</b>				
Category X substance				

Category Y substance				
Category Z substance				
OS – other substances				

Date: ..... Time : .....

Crew Name and Position: .....

Crew Signature: .....

I \_\_\_\_\_ (name of PACI Employee) hereby certify that where my initials appear above, the waste indicated has been disposed of at the Port of George Town/Port of Creek, Cayman Islands.

Signed: ..... Date: .....

## **Appendix 2: Contact details**

### **Port Authority Cayman Islands**

Operations Manager: 345.925.4285  
Operations Clerk: 345.914.3740 or 914.3744  
Operations email: pfso@caymanport.com  
Controller: 345.914.3700 & VHF Channel 16

### **Department of Environmental Health**

Director 345.244.5950  
Assistant Director (1) 345.925.9763  
Assistant Director (2) 345.925.3386

### **Approved Waste Disposal Contractor(s)**

Pegasus Oils Logistics 345.917.1276  
Industrial Services 345.949.7245  
Professional Waste Mgmt 345.945.0535