



Dart Harbour

PORT OF DARTMOUTH

2009 WASTE MANAGEMENT PLAN

1. **AIM**

- 1.1. The purpose of this plan is to co-ordinate, and to seek to improve the facilities for the legal disposal of waste within the Port of Dartmouth. In pursuance of this aim the Dart Harbour and Navigation Authority (DHNA) will adopt the policies of waste minimisation and recycling of waste wherever possible and encourage other harbour users to do likewise.
- 1.2. Attention is drawn to the fact that there is a total prohibition on the disposal of any form of waste overboard, from any vessel within the Harbour or at sea. This prohibition is enforced by legislation at the international, national and local level with substantial fines applicable in the case of contravention.

2. **INTRODUCTION**

- 2.1. This Waste Management Plan has been prepared under the requirements of the Merchant Shipping (Port Waste Reception Facilities) Regulations 1977. It also incorporates Statutory Instrument 2003 No 1809 The Merchant Shipping and Fishing Vessel (Port Waste Reception Facilities) Regulations 2003(4)with amendments to regulations 2009. It follows the guidance summarised in Merchant Shipping Notice (MSN) 1709 (M+F) and the good practice outlined in the DETR publication "*Port Waste Management Planning - How to do it*" (January 1998). Since the Port of Dartmouth has a high level of recreational craft activity the guidance of "*Port Waste Management Planning*" (joint publication of the Royal Yachting Association/British Marine Industries Federation) has also been followed.
- 2.2. This plan applies to all organisations and individuals operating within the jurisdiction of the DHNA. The jurisdiction extends from a line joining Inner Froward Point and Coombe Point to the limit of tidal influence at Totnes Weir, including all creeks and tributaries (excepting Waterhead Creek, Kingswear and the Boatfloat, Dartmouth).
- 2.3. The Authority has initially consulted widely with all principal users within its operating area in the preparation of the plan. It is recognised that the process of waste management will require on-going consultation and review.
- 2.4. An objective of this waste management plan is the protection of the environment and the sustainable use of the Dart Estuary. The Authority wishes to work with the users of the Port of Dartmouth in what it believes to be a collective responsibility in these issues. This plan has been developed specifically to the needs of the Port of Dartmouth and its users and should be considered as a minimum level of compliance under the regulations from which improvements can always be made. Any port user who has any comments on this plan or who is unsure of the responsibilities of either themselves or others regarding waste, is invited to contact the: Dart Harbour and Navigation Authority Office, 6 Oxford Street, Dartmouth, South Devon, TQ6 9AL. Telephone: 01803-832337. Fax: 01803-833631. Email dhna@dartharbour.org.
- 2.5. For the purposes of this plan oily waste means waste that contains a significant amount of oil, such as bilge mop socks and oil filters, waste oil means oil in liquid form.

3. **CONSULTATION**

- 3.1. A formal consultation process was undertaken prior to the issue of the original 1998 plan to ensure that existing waste reception facilities met, or otherwise, the needs of users and providers and complied with relevant regulations. Further consultation has been undertaken during the preparation of the 2009 amendments and prior to the implementation of such amendments. A list of terminal operators was prepared by the Authority from their knowledge of port operations. Individual organisations were required to provide a written response giving a summary of their operations, an assessment of annual quantities of waste handled and the corresponding methods of disposal. These responses were followed by discussion and inspections where necessary. The Authority holds full details of the responses on file. A summary of the initial consultation is given in the table shown in Appendix 1 - Table 1: Summary of Consultation with Principal Port Operators. A summary of the replies received to enquiries made in 2009 appears in Appendix 1 - Table 2.
- 3.2. As a further level of consultation a draft version of the original plan was made available to representatives of the Environment Agency, the Port Health Authority , the AONB Estuary Officer and DEFRA for comment.
- 3.3. It is expected that further consultation will take place within the review period of this plan with a view to obtaining a definitive assessment of the waste disposal needs of the port. This may be by the use of questionnaires, at the individual user level. Written returns summarising the types and volume of waste handled should be presented to the Authority at the end of each calendar year of the form shown in Appendix 3.

4. **ANALYSIS OF NEED FOR WASTE RECEPTION FACILITIES**

- 4.1. The predominant trade of the Port of Dartmouth is currently recreational vessels. However, a limited number of ships, mainly cruise ships and visiting warships, do use the port from time to time creating a requirement for the collection and disposal of waste. There is also an active commercial fishing fleet based in Dartmouth.
- 4.2. Ships generating waste can be categorised as follows:
 - 4.2.1. **Ships Delivering Ship Generated Waste**
 - (a) Dartmouth is visited by a small number of passenger cruise ships and warships a year. VT Marine services have hitherto provided waste disposal facilities to both British and foreign warships. The Authority has provided waste disposal facilities to passenger cruise ships. The amount of waste disposed of thorough arrangements made by the Authority was less than 12 tonnes in 2008. No toxic, hazardous or oily waste or waste oil was landed at Dartmouth in 2008 from this type of vessel.

4.2.2. **Ships Not Delivering Ship Generated Waste**

- (a) Ships exempted by the Secretary of State under section 15 (3) of Statutory Instrument 2003 No 1809 The Merchant Shipping and Fishing Vessel (Port Waste Reception Facilities) Regulations 2003.
- (b) Ships declaring that there is sufficient onboard storage capacity to store all waste between the port of Dartmouth and the next port at which waste will be delivered.

4.2.3. **Fishing Vessels**

- (a) There are two fish landing quays in the port. One at Kingswear, which is owned by Darthaven Marina and leased to the South Devon Shell fisherman's Association for use by their members. The other is the Commercial Services Area on the South Embankment at Dartmouth, which is owned by SHDC.
- (b) Fishing vessels have moorings on the Authority commercial pontoon, the Boatfloat, Dartmouth and also moored on private moorings.
- (c) There are approximately 20 fishing vessels based in Dartmouth and other fishing vessels occasionally visit the port.
- (d) Small volumes of waste oil and oily waste were landed at Hoodown from the fishing fleet for disposal by the harbour authority in 2008.

4.2.4. **Recreational Vessels**

- (a) This represents the largest category of ships generating waste.
- (b) Recreational vessels are moored throughout the river on moorings provided by the Authority, on moorings provided by commercial operators and on privately owned moorings. There are approximately 2,800 recreational vessel moorings in the river accommodating vessels that proceed to sea.
- (c) Recreational vessels not normally moored within the harbour also visit and either anchor, are moored on commercially provided or on Authority moorings. It is estimated that 13,500 yacht nights are achieved each year.

5. **TYPE AND CAPACITY OF WASTE RECEPTION FACILITIES**

- 5.1. The Authority will provide suitable waste reception facilities for the users of Authority moorings and for anchored vessels who have paid harbour dues. The Authority will also provide reception facilities for the occasional disposal of special waste. The details of the waste reception facilities are given in Section 10.
- 5.2. Other terminals must provide suitable waste reception facilities for waste that could be disposed of by users of their terminal, which should include facilities for special waste if this is received in any quantity.
- 5.3. The type and capacity of facilities should be based on the annual returns made by the principal operators (see Appendix 1 - Table 2.). Due allowance must be made for

fluctuations in the volume of waste associated with the tourist trade of the area. Additional or more frequent removal of waste from collection points should be made in the summer as required.

- 5.4. Increase (or decrease) in the amount of waste received should be notified to the Authority in the returns made by port users.
- 5.5. All waste receptacles are to have closing arrangements fitted so as to prevent access by seagulls and other vermin.
- 5.6. Recreational vessel users should be encouraged to use shore based toilet facilities in marinas and yacht clubs, etc. in preference to sea toilets when moored within the port.

6. **LOCATION AND EASE OF USE**

- 6.1. Waste reception facilities need to be located so as to be convenient to those having cause to use them.
- 6.2. Terminal operators having a shore base convenient to their users and terminal operators only having a shore base can site their waste collection reception facilities within the boundaries of their base. Waste collection points should be visually screened as far as is commensurate with ease of identification and access.
- 6.3. Terminal operators without a shore base convenient to the users of their terminal or without any suitable shore base for the siting of waste collection facilities will have to consider siting waste reception facilities afloat. These facilities may be shared.
- 6.4. A chart showing all existing waste reception locations is shown in Appendix 2.

7. **COSTS OF FACILITIES**

- 7.1. All ships using the harbour pay harbour dues and those using the Authorities facilities are charged for their use through a combination of mooring fees and usage charges. Most of these charges can be compounded into annual charges.
- 7.2. The Authority provides waste reception facilities for small quantities of waste at no additional charge.
- 7.3. Limited charges will be levied for the disposal of significant quantities of special waste.
- 7.4. Ships discharging into skips delivered to the ship by barge will incur an additional charge.
- 7.5. These charges are reviewed annually.

8. **PUBLICITY**

- 8.1. There is a responsibility on the Authority and all providers of reception facilities to inform users of their responsibilities under the waste management plan.
- 8.2. All waste reception facilities are to be clearly marked and will also be published in the Annual Harbour Guide provided to all port users. Details of waste reception facilities can also be found on the Authority's web-site www.darthatbour.org.
- 8.3. Waste disposal information is to be placed aboard ships on arrival. The Waste Management Notice to Ship Masters (See Appendix 4.) shall be presented to vessels on each occasion they enter the port.
- 8.4. Copies of this waste management plan will be circulated to all principal port users and the relevant regulatory authorities.

9. **REVIEW**

- 9.1. This plan has been developed against the background of current regulations (1998) relating to waste management and has been updated to comply with Statutory Instrument 2003 No 1809 The Merchant Shipping and Fishing Vessel (Port Waste Reception Facilities) Regulations 2003(4) amended regulations 2009. It will need to be amended in the light of changing legislation.
- 9.2. Principal port users will be required to make annual returns relating to their waste operations and the information received will be used to assess the need for modifications in this plan.
- 9.3. Data received from questionnaires to port users will be incorporated in the annual review procedure.
- 9.4. Notwithstanding the above annual review these plans will be assessed as a whole every three years commencing 2005.

10. **WASTE RECEPTION FACILITIES**

- 10.1.1 Ships bound for Dartmouth are to provide notification as required by Statutory Instrument 2003 No 1809 The Merchant Shipping and Fishing Vessel (Port Waste Reception Facilities) Regulations 2003(4) with amendments 2009. The Authority will provide a single skip for general waste per ship per visit to such ships berthed on the main stream buoys. Additional skips and receptacles for specialist waste can be provided by arrangement.
- 10.1.2 Skips are loaded onto a barge and taken out to ships on the mainstream buoys. The barge may be left alongside the ship for the duration of the ship's stay or until the skip is full or otherwise requires emptying. Mixed garbage is disposed of directly into the skip. Recycling receptacles can be provided by prior arrangement. The skip is brought to the shore prior to the departure of the ship and is then removed by a licensed waste disposal contractor for the disposal of its contents.

- 10.1.3 The Authority can accept discharges of small quantities of oily waste and of waste oil from ships by arrangement.
- 10.1.4 Prior to removal from the ship all waste has to be checked and categorised (Food Waste, Recyclable Waste, Toxic Waste, Hazardous Waste, Oily Waste, Waste Oil or General Waste) and notification given to the Harbour Office on the form provided. (See Appendix 4.)
- 10.2 The Authority also provides comprehensive waste recycling facilities for yacht waste in enclosed skips at Dartmouth (3 x 5,000 litre) and at Dittisham (1 x 3,000 litre) on pontoons along with dedicated recycling containers for cans and bottles. These are brought to the shore when full and are emptied by a licensed waste disposal contractor. A 5000 litre skip for general waste is provided ashore at Kingswear which is also emptied by a licensed contractor
- 10.3 The Authority provide a bin at Stoke Gabriel (1 x 1,000 litre) for the disposal of yacht waste. The bin is emptied and the waste disposed of by a licensed waste disposal contractor, with whom the Authority has a long term contract.
- 10.4 The Authority provides oil waste containers (3 x 1,000 litre), 3 x 250ltr for paint waste at their Hoodown workshops. Disposal is by an approved contractor. Lead-acid battery disposal facilities by arrangement and through a contractor licensed for the purpose.
- 10.5 The Authority places 100 litre bins lined with bags designed for the reception of yacht waste on various pontoons operated by them for the reception of waste. These bags are sealed on site and collected by river staff and disposed of into skips the contents of which are taken away by a licensed waste disposal contractor for the disposal of their contents.
- 10.6 Food waste and animal products waste, in small quantities, originating from outside the EU must only be disposed of in the DEFRA approved facilities provided for the purpose at Hoodown. Use of this facility must be by arrangement only and recorded in the designated record book. The Authority will make arrangements for the reception and disposal of such waste by a certified specialist contractor. This facility is inspected annually by Defra.
- 10.7 The Authority does not receive out of date pyrotechnics for disposal.
- 10.8 The Authority must be notified of the disposal of any Toxic or Hazardous waste.
- 10.9 Terminals having their own waste management plan will deal with waste in accordance with such a plan. A list of terminals offering waste reception facilities is given in Appendix 1 – Table 2.
- 10.10 The authority is the holder of a hazardous waste licence which is renewed annually.
- 10.10 Waste oil must only be placed in reception tanks provided for the purpose. A list of operators providing waste oil reception tanks is given in Appendix 1 – Table 2.

11 **INADEQUACIES IN THE PROVISION OF WASTE DISPOSAL FACILITIES**

- 11.1 Users and potential users of waste disposal facilities for the ship generated waste are to report any alleged lack of facilities, deficiencies or other shortcomings of waste disposal facilities to the Authority.
- 11.2 The Authority will investigate any alleged lack of facilities, deficiencies or other shortcomings of waste disposal facilities that they become aware of or that are reported to them. Their findings will be taken up with the operator required to provide the facilities. The operator will rectify the shortcomings so identified and agreed. If the Authority operates the facilities they will take steps to ensure that they meet the requirements placed upon them as providers of waste disposal facilities.
- 11.3 If the Authority or the user or potential user who has reported the apparent lack of facilities, deficiencies or other shortcomings are not satisfied with the action taken by the authority they may report the matter to the MCA.

12 **APPENDICES**

- 12.1 Appendix 1. Summaries of respondents waste reception facilities

Table 1. Respondents from initial 1998 consultation.
Table 2. 2009 Organisations Disposal Details

- 12.2 Appendix 2. Chart showing location of waste reception facilities.
- 12.3 Appendix 3. Annual waste return form.
- 12.4 Appendix 4. Waste management notice and waste delivery form.
- 12.5 Appendix 5. Non EU Food Waste notice.
- 12.6 Appendix 6. Waste Facilities – Dartmouth notice.



TABLE 1: SUMMARY OF CONSULTATION WITH PRINCIPAL PORT OPERATORS

ORGANISATION CONSULTED	RESPONDENT	TYPE OF USER/ MAIN ACTIVITY	COMPIANT/ NON COMPLIANT	COMMENTS
Baltic Wharf Boatyard	Tim Hughes	Boat Storage/ Maintenance	YES	Disposal through registered contractors
Blackness Marine	David Fry	Boat Storage/ Trailer sailing	YES	Disposal through registered contractors
Britannia Royal Naval College	Mrs S Speakman	Boat Training Base for Naval Personnel	YES	Operate joint waste management policy with VT Halmatic (see below)
Creekside Boatyard	Mr M Collins	Small Boatyard (Storage and Repairs)	YES	Disposal through registered contractors
Dart Marina	Mr T Tucker	Yacht Marina	YES	Disposal through registered contractors
Darthaven Marina	Mr J Holman	Yacht Marina	YES	Disposal through registered contractors. Waste Oil reception in 200- litre bunding tank. Pump-out systems (vessel sewage) installed but not yet operational
Dartside Quay (MDL)	Mr I Quick	Boat Storage and repairs	YES	Disposal through registered contractors
Noss Marina Ltd	Mr D Sharam	Yacht Marina	YES	Disposal through registered contractors
VT Halmatic (Sandquay)	Mr M Strudwick	Small Craft Maintenance and repairs	YES	Waste management in association with BRNC



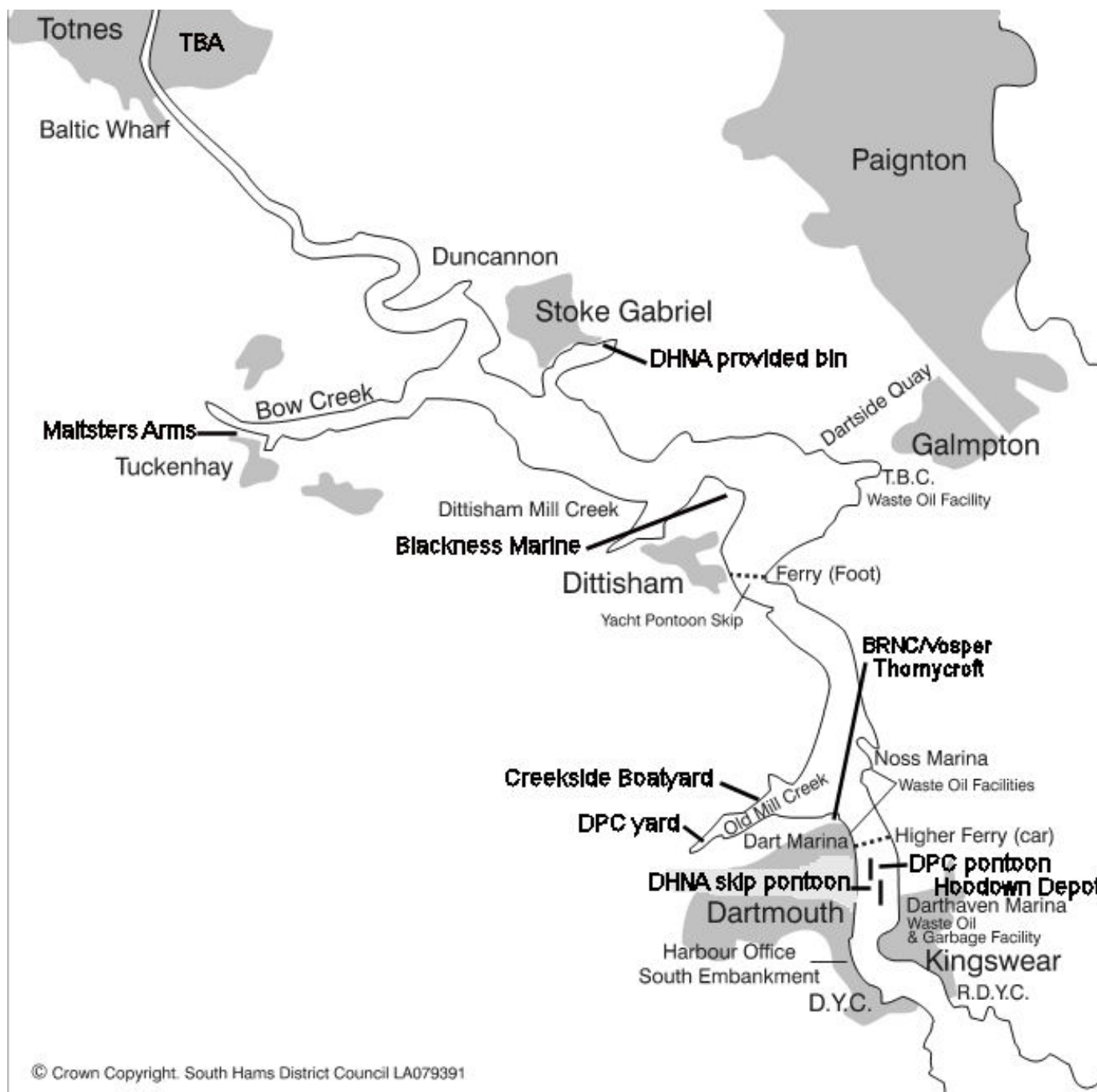
TABLE 2

ORGANISATION	MAIN ACTIVITY	WASTE FACILITY	DISPOSAL CONTRACTOR
Dart Pleasure Craft Ltd	Owner and operator of River Passenger Vessels	Food and Animal Waste	SHDC
		Plastic Waste and General Waste Old Mill Yard	J. Mitchelmore
		Waste oils & Oil Waste Recycling	Haul Waste or OSS Group
		Oily Waste	Haul Waste
		Toxic Hazardous Waste	J. Mitchelmore
		General Waste Waterfront	SHDC
Baltic Wharf Boatyard Limited	Repair / Refit boats and Dry Storage	General Waste Skip	Cleanaway
		Oil Waste Tank Recycling	OSS Group Limited
		Battery Recycling	Exeter Batteries Ltd
		Cardboard Recycling	Used2be Ltd
Maltsters Arms	Public House / B&B / Visitors Berth	Domestic Waste Only	SHDC
Royal Dart Yacht Club	River Moorings	General Waste	SHDC
Dart Marina – Dartmouth	Pontoon Marina	General Waste	SHDC
Noss Marina	River & pontoon Moorings	General Waste Cardboard & Glass Waste Oil Lead Acid Battery removal	SHDC Alpha OSS Group OSS Group
Darthaven Marina	Repair / Refit boats, Dry Storage and Pontoon Moorings	3 Skips	County Skips
		Bottle Bank	SHDC
		Waste oil	OSS Group Ltd
		Oil Filter	OSS Group Ltd
		Lead Acid batteries by arrangement	Exeter Battery Centre

ORGANISATION	MAIN ACTIVITY	WASTE FACILITY	DISPOSAL CONTRACTOR
BRNC	River Moorings	TBA	
MDL – Dartside Quay	Boat Storage	3 Skips	ABC Siddalls Ltd
		Hazardous Waste inc Batteries	OSS Group Ltd
		Waste oil	OSS Group Ltd
Riverside Engineering	Engineering	Domestic Oil Waste Toxic/Hazardous	SHDC Safety Clean By Arrangement
Torbay Boat Construction Co Ltd – left two messages	Storage, berthing, Passenger Vessels	Waste Oil Domestic Waste Lead Acid Batteries Timber Waste Scrap Metal	OCC Group Ltd SHDC Gorman’s Scrap Torbay Recycling Station Gorman’s Scrap
Totnes Boating Association	River Moorings	With the exception of timber, members are required to collect own waste and dispose of at SHDC Recycling Centre Timber / scrapped rafts	Self Disposal Haul Waste
Creekside Boatyard	Storage and Repair Yard	General Waste Skip	Dartmouth Midi Skips
		Batteries and Oil by arrangement	Dartmouth Midi Skips by arrangement or to recycle centre
Blackness Marine	Boat Storage	General Waste	Cummings Containers
		Waste Oil	TBC
Butler & Co	Boat Builders	Timber waste	Recycle – staff woodburners
		Timber shavings & chippings	Local Chicken Farm



PORT OF DARTMOUTH
2009 WASTE MANAGEMENT PLAN
LOCATION OF WASTE RECEPTION FACILITIES



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ANNUAL RETURN OF WASTE RECEIVED/GENERATED

Organisation:	Tel:
Address:	Fax:

TYPE OF WASTE	AMOUNT	DISPOSAL PROCESS/CONTRACTOR	ADDITIONAL INFORMATION
DOMESTIC			
SEWAGE			
OIL BASED			
TOXIC/HAZARDOUS (Description)			
OTHER (Specify)			

Signature	Print Name	Position	Date
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This form is to be completed and returned to the Harbour Office by 31st December annually.



NOTICE TO ALL SHIPMASTERS

WASTE MANAGEMENT – PORT OF DARTMOUTH

In accordance with Merchant Shipping Notice No M1659 all waste generated from your ship must be disposed of in a manner required by UK waste disposal regulations.

Your Agent in conjunction with the Port Authority will arrange collection from your ship and onward disposal through a licensed carrier.

1. Please note that all waste must be placed in suitable containers, eg plastic bags.

2. All waste must be separated as follows:-
 - (a) Food waste
 - (b) Recyclable waste (clearly marked)
 - (c) Toxic waste (clearly marked and described)
 - (d) Other Waste

The attached form must be completed and given to the Harbour Master prior to landing your waste.

A handwritten signature in black ink, appearing to be "A. Webb", written over a faint rectangular stamp.

Harbour Master



Non EU Food Waste

11th March 2009-03-12

As Dart Harbour has no alongside berthing for visiting passenger vessels, we are unable to accept food waste for disposal.

Non E U Food waste from leisure vessels can be accepted by prior notice to the Harbour Office in small quantities. A special receptacle for this type of waste is situated at Hoodown Depot along with a record book which must be used to record any occasion that this type of waste is landed. This waste can only be disposed of using the specialised contractor at Heathfield and appropriate certification must be obtained on each occasion.

It should be noted that this facility has been in place for 4 years and to date has never had to be used.

Capt D A White
Dart Harbour Master



Waste Facilities - Dartmouth

Waste disposal and recycling facilities in the port have been upgraded in 2009. These facilities are available for use by all vessels that have paid harbour dues.

Waste and recycling facilities are located on a new waste pontoon moored in the mid-stream north of the Res Nova Restaurant and the fuel barge. This position is mid way between the visitor pontoon on the Dartmouth side and the deep water visitor pontoons below the Higher Ferry on the Kingswear side of the river.

Please note that there are no longer facilities to dispose of waste on the Town Jetty.

All boat owners are therefore requested to recycle their waste using this pontoon which is readily accessible in mid stream.

Captain David White
Harbour Master

15th June 2009