



CREEK
DEVELOPMENTS PLC

**WASTE MANAGEMENT
PLAN**

1.0 General

This Waste Management Plan is a document regulating and directing waste handled by Creek Developments plc, and is being formulated in line L.N. 184 of 2011 [Environment and Planning Act, Cap 504, The Waste Regulations 201], L.N. 441 of 2011 [The Waste (Amendment) Regulations, 2011], L.N. 106 of 2007, and with article 6(1) of S.L. 499.30 which states that:

“A port or terminal operator shall prepare a waste management plan with respect to the provision and use of port reception facilities in consultation with all stake holders”.

The general aim is to improve waste management in our marinas through a well-structured, integrated, flexible, environmentally sound and cost-effective system of handling waste and residues generated by yachts, boats and other recreational craft berthed in the marina.

This document is considered to be a dynamic plan that will have to be continuously revised, assessed and amended, according to changes taking place within the yachting industry, and European and Maltese legislation regarding the management of waste.

1.1 Description of need of port reception facilities in the light of the requirements of vessels normally visiting the marina.

Activity in all marinas is affected by the Mediterranean pleasure boat season; the period between May and October is the busiest.

1.1.1 Location of Marina

The Creek Developments plc Marina is located in Msida Creek, Msida, Malta. 15 pontoons extend into the bay from the quayside, while additional yachts moor stern-on to the quay on the Ta'Xbiex side of the Creek at Mamma Mia Quay, and the Breakwater, and on the Pieta side of the Creek at Pieta Quay. The number of berths available in total is:

- 740

Average occupancy of the Marina is about 700

1.2 Description of type and capacity of Port Reception Facilities

Port Reception facilities are of two types:

- Fixed: These include drums and skips.
- There are additionally three local council bring-in sites for recycled material, close to the Marina concession area.
- Mobile: These include services by licenced waste carriers. Only licenced waste carriers are allowed in any of the port areas, in line with Transport Malta policy as of the 1st September 2008.

1.2.1 Oils

7 Drums are available to all berth holders for the disposal of waste oils:

- 3 on the Ta' Xbiex side of the Marina

- 3 on the Pieta' side of the Marina. Use of the drums is included in the berthing fee
- 1 provided for the adjacent fishermen's pontoon under the terms of the Concession Agreement

The authorised contractor is:

Waste Oils Company Ltd (A member of the Falzon Group of Companies)
42, Spencer Hill
Marsa MRS 1955
info@wasteoils.com.mt

The drums are emptied at a fixed rate per drum, as necessary.

Direct removal of waste oils into road tankers by the authorized contractor is also available upon request through the Marina Office and for extra charge.

1.2.2 Sewage

Bulk sewage may be discharged into road tankers by authorised contractors. These arrangements may be made through the yacht's agent or through the Marina Office.

1.2.3 Garbage

There are 14 skips in total for the disposal of domestic garbage from yachts, comprising 13 skips situated by the gates to the pontoons, and a further skip provided for the adjacent fishermen's pontoon under the terms of the Concession Agreement. Disposal of the contents of all the skips is carried out on a daily basis by authorised contractors. In addition to the normal skips, there are two public bring-in sites in the close vicinity, where waste glass, metal, plastic and paper can be separated.

- In the car park by the pontoons on Ta'Xbiex Seafront
- Almost directly in front of the Marina Offices on Ta'Xbiex Seafront
- In the car park by the slipway off Marina Street, Pieta

1.2.4 Other

Oily solids (oil filters, rags, etc) are considered as "Hazardous Waste". Such waste is collected on request by marina staff and disposed of appropriately.

The following table illustrates the type of waste reception facilities available for ship generated waste in the marinas:

Type of waste	Creek Developments plc – Waste reception facilities
Oil Type Capacity	Marine engine lubricant and fuel oil 7 x 200 Litre drums = Total 1.4m ³ Fill level monitored daily. Collected as necessary
Sewage	Mobile facilities (Trucks) available on request
Garbage Type Quantity	Domestic garbage generated by marina users Varies according to marina use

Capacity	14 x 1.1m ³ skips emptied daily 6 days per week.
Other	Oily solids and rags are considered as hazardous waste and should be bagged separately for appropriate disposal.

1.3 Description for procedure for the reception and collection of ship-generated wastes and cargo residues

Since most of the vessels calling at the marina are below 12 passengers, no notification is required.

In the case of oil and garbage, the waste facilities are 'self-service', whereby the waste is carried off-board by the vessel owners and disposed of in the appropriate facilities.

In the case of large amounts of oil or sewage, the appropriate waste collector will be engaged.

Cargo residues are not dealt with in marinas.

1.4 Description of charging system.

Fees for the collection of garbage and oil are included in the berthing fees.

If larger amounts of oil need to be removed, then an arrangement between a private contractor and the boat owner needs to be carried out, with the fees established by the contractor. Such quantities, however, are rare, except in the case of larger yachts.

If large quantities of sewage need to be removed from holding tanks, a waste collector may be contacted through the Marina Offices.

1.5 Procedures for reporting alleged inadequacies of port reception facilities

In order to maintain an adequate service, the form as attached in Appendix III is available at the front desk of the Marina or by email. The forms should be addressed to the following:

The Harbour Master
Ports and Yachting Directorate
Transport Malta
Malta Transport Centre
Xatt L-Ghassara ta'L-Gheneb
Marsa, MRS 1917
Malta
Tel 1: (356) 2122 2203
Fax 1: (356) 2291 4429

After office hours: Contact the Duty Operations Officer on (356) 2291 4411/2/3/5 or mobile (356) 9949 4313

Alleged inadequacy of waste management facilities and malpractices which may take place at the Marina shall be recorded, and the necessary action taken to rectify the issues involved.

Also refer to Information for Users attached in Appendix IV

1.6 Procedures for ongoing consultations with port or terminal users, authorized waste management undertakings, terminal operators and other interested parties

There are no formal procedures; however, the size of the marina allows for open dialogue and direct contact between the marina users and operators as well as entities involved in waste collection.

1.7 Types and quantities of ship-generated waste and cargo residues handled.

Types and quantities of waste handled vary according to season. Due to the much higher marina activity during the summer months (from May-Oct), more ship-generated waste is gathered, as reflected by the more frequent filling of the reception facilities available.

Estimated annual quantities of waste generated from yachts are as follows:

Oil	Sewage	Garbage
273 drums (54.6m ³)	Minimal – 6 tankers (estimate)	3603.6m ³ (approx.) (3276 skips)

2.0 Other

2.1 Summary of relevant legislation and formalities for delivery.

The Port Reception Facilities Directive 2000/59/EC has been transposed into Maltese Legislation as S.L 499.30 titled 'Port Reception Facilities for Ship-Generated Wastes and Cargo Residues' under the Authority for Transport in Malta Act (Chapter 499).

Other applicable legislation falls under the Malta Environment and Development Planning Act since it relates to waste collection, transport, licensing, delivery to sites and disposal. The legal notices include but are not limited to¹:

- Authority for Transport in Malta Act and its subsidiary legislation including:
 - S.L.499.30 Port Reception Facilities for Ship-Generated Waste and Cargo Residues
 - Port Notice 004/04 – Directive 2000/59/EC of the European Parliament and of the Council of 27th November 2000 on Port Reception Facilities for Ship-Generated Waste and Cargo Residue
 - Port Notice 05/04 – Port Waste Management Plans
 - Port Notice 08/04 – Ship-Generated Waste Management Fee
 - Port Notice No. 03/08 – Ship-Generated Waste Management Fee
 - Port Notice No. 05/08 – Management, Collection and Disposal of Waste from Ships calling in Maltese Ports

- Environment and Development Planning Act 2010 and its subsidiary legislation including:
 - Legal Notice 184 of 2011 [Waste Management Regulations of 2011] as amended by LN 441 of 2011
 - Legal Notice 106 of 2007 [Waste Management (Activity Registration) Regulations, 2007]
 - S.L.435.44 Waste Management (Waste Oils) Regulations 2002
 - S.L 504.73 Waste Management (Permit and Control) Regulations 2001
 - S.L.435.73 Waste Management (Activity Registration) Regulations, 2004

It must also be considered that Malta is party to the MARPOL Convention and its Annexes I,II,III, and IV.

¹ Without prejudice to any other relevant legislation.

2.2 Description of how ship-generated waste and cargo residues are disposed of

Waste management and disposal is under the remit of the Malta Environment and Planning Authority (MEPA), the Environment Protection Act and its subsidiary legislation. Only licensed waste collectors are allowed on the premises as regulated by the Waste Management (Activity Registration) Regulations, 2007, L.N. 106 of 2007, and as stated in Port Notice 05/08 on Management, Collection and Disposal of Waste from ships calling in Maltese Ports.

2.2 Identification of persons responsible for the implementation of the Waste Management Plan

Name of Marina	Msida & Ta'Xbiex Marina
Person responsible Job Title Mobile No:	Sarah Gauci Carlton Commercial Manager 7933 7149
Person responsible Job Title Mobile No:	George Mercieca Berthing Master 7933 7049
Address of Marina Office Tel. No: Fax No:	Creek Developments plc 53/1, Ta'Xbiex Seafront Msida MSD 1515 2133 7049 2133 7048

2.3 Description of methods of recording actual use of the port reception facilities

Oil waste drums as well as skips are monitored through daily morning rounds of the marina, to ensure that the port reception facilities are being used in a proper manner, as well as to check if the receptacles are full and need to be emptied or replaced.

George Mercieca, Berthing Master, or Sarah Gauci Carlton, Commercial Manager are informed by marina personnel or the users if the skips are damaged and need to be replaced. The skips are emptied on a daily basis, while the waste oil drums are emptied when nearly full, and hazardous waste is collected upon request. Invoices are kept at Creek Developments plc office.

Only licensed waste collectors are allowed on the premises as regulated by the Malta Environment and Planning Authority, Waste Management (Activity Registration) Regulations, 2007, L.N. 106 of 2007, and as determined by Port Notice 05/08 on Management, Collection and Disposal of Waste from ships calling in Maltese Ports.

2.4 Description of methods for recording amounts of ship-generated waste and cargo residues received.

Amounts are recorded through the compilation of receipts received as a result of removal of waste by waste carriers with respect to oil drums and skips.

When mobile facilities (waste collectors) are engaged for the specific extra removal of waste, a receipt is provided to the Creek Developments Plc office.

3.0 Information to be provided to users of the marinas

Appendix I – Map of the marina and location of waste reception facilities available

Appendix II – List of waste collectors engaged on a regular basis

Appendix III – Complaints form for the reporting of alleged inadequacies in the waste reception facilities. Currently available from the Marina Office, and the web site www.marinamalta.com

Appendix IV – Information for marina users. The information sheet contains information available at the Marina Front desk for users. The information sheet is given to all visiting yachts on arrival. The full Waste Management Plan may be downloaded from the Marina website www.marinamalta.com

Appendix I – Map of the Marina and Reception Facilities Available

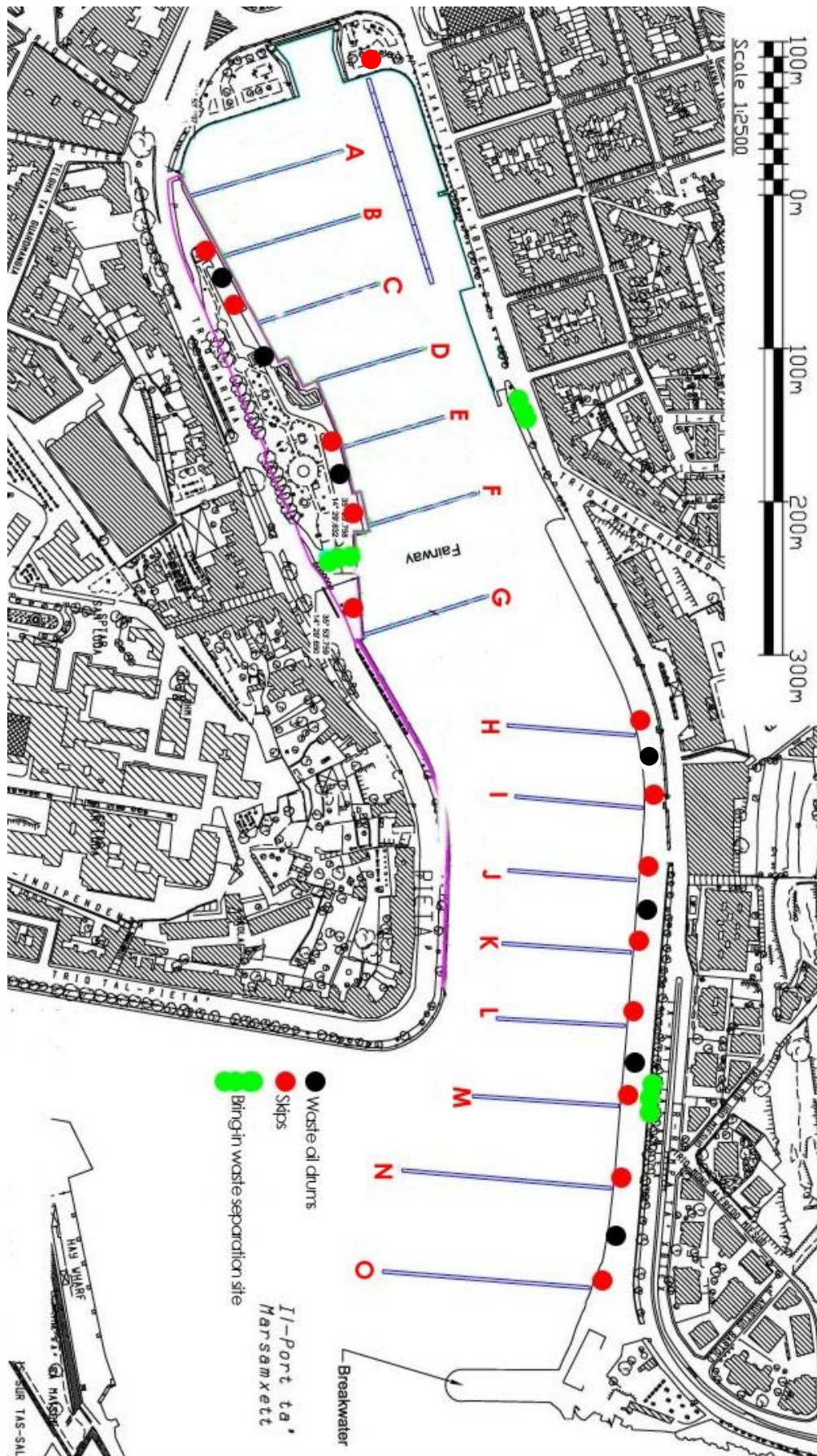


Figure 1. Map of the Msida Marina, showing the positions of the waste reception facilities available.

Appendix II – List of Waste Collectors Engaged on a Regular Basis**Waste Oils**

Waste Oils Company Ltd (A member of the Falzon Group of Companies) 42, Spencer Hill Marsa MRS 1955	Tel: 21 246 398 21 246 386 Fax: 21 248 499 Email: info@wasteoils.com.mt
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Garbage

Greenlines Environmental services Ltd No 17, St Anthony Street San Gwann SGN 1433	Tel: 21 236 625 Fax: 21 238 836
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Sewage

General Ecological Services Ltd 36, Triq Brolli Birzebbugia BBG 1846	Tel: 21 650 806 Fax: 21 651 029 Mob: 99 499 714 / 99 421 954 / 79 651 029
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APPENDIX III – COMPLAINTS FORM

Name of Yacht:	Tel. No:
Berth:	Email:
Owner/Caretaker:	
No of persons on board:	
Date:	Time:

Special problems such as: Unnecessary delay / insufficient waste reception facilities / not technically possible to use waste reception facilities / other (delete as applicable)

Additional comments by complainant

For office use only:

Date received:	Time received:
Detail situation encountered and action taken to remedy complaint.	
Signature and Stamp	

Appendix IV – Information for Marina Users

In accordance with the Port Reception Facilities Directive 2000/59/EC, S.L 499.30 titled 'Port Reception Facilities for Ship-Generated Wastes and Cargo Residues', please note that there are facilities in this marina available for the disposal of:

- Oil
- Sewage (for large quantities – on request)
- Garbage

Oil: Should be disposed of in the drums provided. The location of the drums is shown on the map as a black dot and is as follows:

- 4 drums are available on the Ta'Xbiex side, for Marina users from pontoons H to O and the Mamma Mia Quay.
- 3 drums are available on the Msida side, for Marina users from pontoons A to G, and Pieta Quay

The drums should be used for the disposal of waste engine oil and fuel oil from yachts only. Should users require disposal of a large volume of waste oil, this may be arranged at extra cost through the marina offices.

Garbage: 14 skips are available for marina users for the disposal of domestic garbage generated by yachts only. 13 of the skips are located by the gates to the pontoons and are marked on the map by a red dot. A further skip is provided for the use of fishermen berthed on adjacent pontoons.

- Garbage should be enclosed in a sealed or tied bag and should be disposed of inside the skips. On no account should any garbage bags be left besides the skips.
- In the event that the skips are full, or access to the skips is blocked, please contact the marina office immediately.
- Marina users are encouraged to make use of the three public recycling facilities available for paper, plastic, aluminium and glass as shown on the map, as overlapping green dots.

Sewage: Sewage in bulk may be discharged on request by road tanker. A fee will be charged for this service and paid directly to the waste collector available at the time.

Oily rags are considered as hazardous waste in Malta and therefore these are to be bagged separately for collection by the Marina staff on request.

Charging System for the Disposal of Waste

- Use of the waste oil drums and the skips is included in the berthing fee.
- Disposal of large quantities of waste oil incurs an additional charge and is according to volume. Arrangements may be made through the marina office.
- Discharge of sewage in bulk may be made by road tanker. Fees are paid directly to the authorised contractor. Arrangements are to be made through the marina office.

In case of dissatisfaction with the reception facilities available, or for any general complaints about their adequacy, you may fill in a form available from the Marina Office, or contact the number below:

The Harbour Master
Ports and Yachting Directorate
Transport Malta
Malta Transport Centre
Xatt L-Ghassara ta'L-Gheneb
Marsa, MRS 1917
Malta
Tel 1: (356) 2122 2203
Fax 1: (356) 2291 4429

After office hours: Contact the Duty Operations Officer on (356) 2291 4411/2/3/5 or mobile (356) 9949 4313

Contact Details for the Creek Developments plc, Msida and Ta' Xbiex Marina are as follows:

Creek Developments plc - Msida Marina	
Person responsible Job Title Mobile No:	George Mercieca Berthing Master 7933 7049
Person responsible Job Title Mobile No:	Sarah Gauci Carlton Commercial Manager 7933 7149
Address of Marina Office Tel. No: Fax No:	Creek Developments plc 53/1, Ta'Xbiex Seafront Msida MSD 1515 2133 7049 2133 7048