

## WASTE FROM SHIPS RECEPTION AND HANDLING PLAN

### 1. General provisions

- 1.1 Waste from ships reception and handling plan (hereinafter: the Plan) establishes the procedure of reception and handling of waste from ships received from a ship calling at the harbours (Old City Harbour, Muuga Harbour, Paldiski South Harbour, Paljassaare Harbour, Saaremaa Harbour) of Port of Tallinn (hereinafter also referred to as the "Port"). The procedure described in the plan shall not regulate handling of waste generated as a result of operations of the entrepreneurs operating on port area, in the course of cargo transport or storage in the Port, also as a result of pollution or ambient air pollution.
- 1.2 The objective of the plan is to establish organizational requirements to notification, delivery and reception of waste from ships and intensify availability and use of the reception facilities of waste from ships.
- 1.3 The scope of the plan corresponds to the requirements of §26 of the Port Act and is completed based on the Port Act.
- 1.4 The Plan has been approved by the Environmental Board on 25.05.2022 by letter no. 8-2/22/1392-7.

### 2. General terms

- 2.1 Waste from ships are all the waste, including cargo residues, which is generated during the operation of a water craft or during loading, unloading and cleaning operations, and which is covered by Annexes I, II, IV, V and VI of the International Convention for the Prevention of Pollution from Ships (hereinafter MARPOL), and waste caught passively by fishing gear in commercial fishing.
- 2.2 Cargo residues include remnants remaining on the deck, in the cargo space or tank of a water craft after completion of loading, unloading and cleaning operations, including loading and unloading residues, which remains on deck after sweeping, or dust on the outside of the ship, except for cargo dust.
- 2.3 Garbage includes any type of food, household and other waste generated in the normal course of business of a water craft and defined in Annex V to MARPOL, in the case of which continuous and periodic disposal is required, with the exception of fresh fish and parts thereof and substances that are defined or specified in other Annexes to MARPOL.
- 2.4 Sewage includes:
  - 2.4.1 Blackwater - liquids or other waste discharged through any type of toilet, urinal, bidet or WC drain, liquid discharged through a washtub, wash pipe or drain in a medical room (dispensary, hospital section), liquid discharges from rooms containing live animals or other garbage mixed with the above listed discharged liquids or waste which are defined in Annex IV to MARPOL; and
  - 2.4.2 Greywater - drainage from dishwater, shower, laundry, bath and washbasin drains.
- 2.5 Cargo-associated waste includes any materials turned into waste on board a ship as a result of securing or handling cargo, such as dunnage, pallets, lining and packing materials, plywood, paper, cardboard, steel wire ropes and slings and other such materials.
- 2.6 MARPOL Annex VI-related wastes includes exhaust gas-cleaning residues and ozone depleting substances and equipment containing such substances.
- 2.7 Port reception facilities include fixed, floating or mobile devices capable of receiving waste from ships.
- 2.8 Food waste means food defined in Article 2 of Regulation (EC) No 178/2002 of the European Parliament and of the Council that has become waste.

- 2.9 Hazardous waste includes waste, which due to at least one of the hazardous properties specified in the Annex to Commission Regulation (EU) No 1357/2014 may cause a hazard to human health, property or the environment.
- 2.10 Mixed municipal waste includes mixed waste and separately collected waste from other sources which because of its composition or properties is similar to waste from households.
- 2.11 Waste handling means the collection, transport, recovery, including sorting, and disposal of waste, including the activities of a broker or dealer.
- 2.12 Treatment of waste means recovery or disposal operations, including preparation of waste for recovery or disposal.
- 2.13 Consignment note for hazardous waste is a document which contains information concerning the type, composition, quantity and main properties of the hazardous waste transferred for handling and the producer of such waste, the person who transfers the waste for handling, the transport operator and the consignee.
- 2.14 Infectious waste includes wastes whose collection and disposal is subject to special requirements in order to prevent infection.
- 2.15 Pyrotechnic product is a product meant for generating heat, light, sound, gas or smoke or combination of these phenomena with the help of a non-explosive exothermic chemical reaction and which includes an explosive or pyrotechnic substance.
- 2.16 Ship agent is the representative of the interests of the ship owner in the port.

### 3. Types and quantities of port reception facilities and waste from ships received and an assessment of the need for port reception facilities

3.1 The following number of berths / berths is guaranteed in ports:

Port	Old City Harbour	Muuga Harbour	Paldiski South Harbour	Paljassaare Harbour	Saaremaa Harbour	Old City Marina
Number of berths available	24	29	10	11	3	110

3.2 Number of ships calling at Port by type of ship in 2021 by ship types (incl. yachts, rental, bunker and other service ships):

Harbour	Year	Passenger ships	Tankers	Bulkers	Container ships	Cruise ships	Multipurpose ships	RO-RO ships	Other ship	Total
Old City Harbour (inc Marina)	2021	4251	0	0	0	112	0	0	1076	<b>4612</b>
	2020	4424	9	0	0	12	0	0	1944	<b>5425</b>
	2019	4699	1	0	0	354	0	0	2047	<b>6146</b>
Muuga Harbour	2021	1021	313	159	294	0	282	0	272	<b>2341</b>
	2020	714	364	118	318	0	212	0	328	<b>2054</b>
	2019	804	282	113	345	0	242	1	452	<b>2239</b>
Paldiski South Harbour	2021	304	58	33	0	0	117	242	305	<b>1059</b>
	2020	314	100	38	0	0	103	242	295	<b>1092</b>
	2019	239	133	58	0	0	138	243	370	<b>1181</b>
Paljassaare Harbour	2021	5	39	14	0	0	45	0	547	<b>650</b>
	2020	4	50	22	0	0	40	2	593	<b>711</b>
	2019	0	77	39	0	0	28	1	545	<b>690</b>
Saaremaa Harbour	2021	0	0	2	0	0	3	0	92	<b>97</b>
	2020	0	0	0	0	1	0	0	54	<b>55</b>
	2019	0	0	0	0	7	2	0	93	<b>102</b>

### 3.3 Types and quantities of waste from ships received during 2021 (m<sup>3</sup>):

Harbour	MARPOL Annex I			MARPOL Annex V							
	Sludge	Bilge water	Used engine oil	Food waste	Mixed domestic waste	Cooking oil	Plastic	Paper	Glass	Metal	Timber
Muuga Harbour	1539	777	86	0	139	871	3	299	128	24	43
Old City Harbour (Inc. Marina)	3452	4143	12	0	1375	8240	159	660	2144	415	197
Paldiski South Harbour	1292	1499	29	0	94	415	3	206	168	5	17
Paljassaare Harbour	654	515	45	34	6	344	0	14	29	3	1
Saaremaa Harbour	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6937</b>	<b>6934</b>	<b>171</b>	<b>34</b>	<b>1614</b>	<b>9870</b>	<b>165</b>	<b>1179</b>	<b>2469</b>	<b>446</b>	<b>258</b>

Harbour	MARPOL Annex V							MARPOL Annex IV	MARPOL Annex I cargo residues	MARPOL Annex VI related waste
	Ceramics	Hazardous waste	Electrical and electronic equipment waste	Incinerator ashes	Dated Pyro-technics	Other waste	Dunnage, lining or packing material			
Muuga Harbour	1	139	44	6	0	163	0	116	378	35
Old City Harbour	18	567	11	8	1	192	0	77779	0	133
Paldiski South Harbour	0	133	10	5	0	61	0	5159	33	345
Paljassaare Harbour	0	33	9	0	0	1	0	3824	0	0
Saaremaa Harbour	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>19</b>	<b>872</b>	<b>75</b>	<b>20</b>	<b>1</b>	<b>418</b>	<b>0</b>	<b>86877</b>	<b>411</b>	<b>512</b>

3.4 Waste classification compliance between MARPOL 73/78 and Regulation no. 70 of the Minister of the Environment dated 14.12.2015 "Procedure for the classification of waste and the list of waste" has been provided in annex no. 3.

3.5 Description of the type and capacity of the port reception facilities has been provided in annex 5.

3.6 Fixed port reception facilities (incl waste containers) are in the Old City Harbour (incl. Marina) and in the Paldiski South Harbour and their locations has been provided on the scheme of annex 2. The frequency of emptying of waste containers depends on the season and the number of ship calls and is on average as follows:

- In Paldiski South Harbor once a week, an employee of AS Green Marine shall monitor the filling and, if necessary, orders additional emptying;
- in the Old Harbor Yacht Harbor once a week, the Harbor Master of the Old City Marina shall monitor the filling and, if necessary, orders additional emptying;

3.7 Assessment of the need of port reception facilities, considering the needs of ships calling at the port.

3.7.1 Considering data provided in article 3.2 on the number and ship type of ships calling at the port, data provided in article 3.3 on waste from ships, also data provided in article 3.5 on the type and capacity of port reception facilities and taking into consideration the fact that the port has not

received any notification on the alleged shortcomings of port reception facilities (see article 14.3), the existing port reception facilities are sufficient for ensuring required reception of waste from ships from ships.

#### **4. Description of the procedures indicating the quantity of waste from ships received and the actual use of port reception facilities**

- 4.1 Reception of waste from ships shall take place 24 hours a day, 7 days a week based on an advance notification submitted by the ship's captain or ship's agent (hereinafter "Ship's representative") via Transport Document Exchange (hereinafter EMDE):
  - 4.1.1 at least 24 hours prior to arrival in the port, if the port of call is known;
  - 4.1.2 immediately when the port of call is known, if such information is available less than 24 hours prior to arrival in the port of call;
  - 4.1.3 at the latest upon departure from the previous port of call, if the duration of the voyage to the next port is less than 24 hours.
- 4.2 Notification on waste from ships delivered shall be given in accordance with form in [annex 2 of the Directive \(EU\) 2019/883 of the European Parliament and of the Council on port reception facilities for the delivery of waste from ships, amending Directive 2010/65/EU and repealing Directive 2000/59/EC](#).
- 4.3 The notice shall include information on the type and quantity of all waste from ships delivered in the Port.
- 4.4 An advance notification need not be submitted by:
  - 4.4.1 fishing vessels, historic vessels and recreational craft less than 45 meters in length;
  - 4.4.2 military ships and border guard ships and other ships performing public administration functions;
  - 4.4.3 ships holding an exemption certificate specified in § 29 of Ports Act
  - 4.4.4 if the gross tonnage of a ship is less than 300.
- 4.5 Ships listed in article 4.4 must contact the waste handler by telephone or email to dispose of the waste. Contact details are provided in Annex no 1.
- 4.6 All companies rendering waste from ships reception service shall after rendering of the service leave two (2) copies of Ship's Waste Receipt on the ship in accordance with form in [annex 3 of the Directive \(EU\) 2019/883 of the European Parliament and of the Council on port reception facilities for the delivery of waste from ships, amending Directive 2010/65/EU and repealing Directive 2000/59/EC](#)
- 4.7 Information regarding quantities of waste from ships received shall be entered to EMDE.
  - 4.7.1 Information regarding quantities received for a waste fee shall be entered by AS Green Marine.
  - 4.7.2 Ship's Waste Receipt of reception quantities not received for a waste fee shall be entered by Ship's representative.

#### **5. Description of the procedures of reception, collection and further handling of bilge water, sludge and used engine oil**

- 5.1 The notice provided to the EMDE shall indicate type and quantity of bilge water, sludge and used engine oil.
- 5.2 Handling of quantities received for a waste fee (see article 12) shall be organized by AS Green Marine. Contact data has been provided in annex no. 1.
- 5.3 Reception of quantities not received for a waste fee shall be performed by private companies having the respective license. Information on waste handling companies rendering services in the port has been provided in annex no. 1.
- 5.4 Waste shall be delivered to the tank vehicle on the berth (non-vacuum collection, capacity up to 30 m<sup>3</sup>) or collected to recovery vessel (capacity up to 300 m<sup>3</sup>) beside the ship.

- 5.5 In order to ensure environmental safety and to prevent unforeseen incidents on berths, the length of the hose line shall not exceed 60 (sixty) meters between the connecting flange of the ship and the connecting flange of the tank vehicle, nor must the connections of hose lines be above the water.
- 5.6 The ship shall deliver the waste using a ship's pump with a minimum pumping speed of at least 7.5 m<sup>3</sup>/h. Upon lower pumping speed Ship's representative shall agree with the waste handling company separately on work terms and the waste handling company shall have a right to request a reasoned additional fee for the time of the reception procedure from the Ship's representative.
- 5.7 The crew shall perform hose connection on board and ensure presence of the watchman for avoiding of possible leakages and ensuring of safety.
- 5.8 The ship shall ensure compliance of hoses and connection flanges with international requirements on the ship.
- 5.9 Pressure in the hose between the ship and collection equipment (tank vehicle, recovery vessel) shall not exceed 0.5 Mpa (5 kp/cm<sup>2</sup>).
- 5.10 Laytime of the tank vehicle or recovery vessel starting from readiness for delivery shall not exceed 30 minutes. This also includes time spent on hose ship connection.
- 5.11 The ship must notify the Vessel Traffic Shift Manager of the commencement and termination of the pumping of waste.
- 5.12 At air temperature under minus 20°C prior to pumping ship-generated waste shall be heated to at least plus 60°C (at 0°C to 40°C respectively).
- 5.13 The waste handling company may apply a reasoned additional fee for the use of pumps on the shore based on an hourly tariff in accordance with the price list of the waste handling company to ships lacking technical equipment for pumping out ship-generated waste.
- 5.14 At the rendering of the service a waste from ships delivery act shall be prepared.
- 5.15 At the delivery of waste from ships a consignment note of hazardous waste shall be prepared in accordance with regulation no. 4 of the minister of environmental affairs dated 15.01.2021 "Data composition of the consignment note of hazardous waste and the procedure of preparation, forwarding and registration of the consignment note".
- 5.16 All waste shall be delivered to companies having an appropriate environmental protection permit for further handling (for performing of recycling and elimination procedures) ensuring further handling in accordance with valid legislation.

## **6. Description of the procedures of reception, collection and further handling of garbage, hazardous waste and cargo-associated waste**

- 6.1 The notice provided to the EMDE shall indicate type and quantity of waste, hazardous waste and cargo-associated waste delivered.
- 6.2 Handling of quantities received for a waste fee (see article 12) shall be organized by AS Green Marine. Contact data has been provided in annex no. 1.
- 6.3 Reception of quantities not received for a waste fee shall be performed by private companies having the respective license. Information on waste handling companies rendering services in the port has been provided in annex no. 1.
- 6.4 Ships shall by type collect and deliver to the waste handling company garbage generated, incl. solid hazardous waste and cargo residues.
- 6.5 Requirements to waste collection and delivery by type have been established in the sorting guidelines of AS Green Marine at <https://www.ts.ee/en/ship-waste/>
- 6.6 Upon violation of requirements to waste collection and delivery by type the waste handling company shall have a right to request from the Ship's representative a reasoned additional fee for compensation for additional expenses incurred due to violation.
- 6.7 At the emptying of the ship's own waste containers or if the delivered quantity is small (up to 0.6m<sup>3</sup>), waste shall be delivered to the waste vehicle (capacity up to 30m<sup>3</sup>). In other cases, waste shall be

delivered to waste tanks located on the berth (capacity up to 30m<sup>3</sup>), which are brought separately to every ship based on the data provided in the notice and the ship's crew shall monitor their filling and, if necessary, order emptying. All liquid wastes shall be handed over in securely sealed containers.

6.7.1 In Paldiski South Harbour waste shall be delivered to the waste tanks located on the territory (capacity up to 18m<sup>3</sup>), where the crew shall take the waste, if it has not been agreed differently with the waste handling company. To open the waste containers, ship representative shall call to AS Green Marine (24h phone: +372 515 9303). The exact location of waste tanks has been provided on the scheme of annex 2.

6.8 Laytime of the waste vehicle starting from readiness for delivery shall not exceed 30 minutes.

6.9 At the rendering of the service a waste from ships delivery act shall be prepared.

6.10 At the delivery of ship-generated waste from ships a consignment note of hazardous waste shall be prepared in accordance with regulation no. 4 of the minister of environmental affairs dated 15.01.2021 "Data composition of the consignment note of hazardous waste and the procedure of preparation, forwarding and registration of the consignment note".

6.11 All waste shall be delivered to companies having an appropriate environmental protection permit for further handling (for performing of recycling and elimination procedures) ensuring further handling in accordance with valid legislation.

## 7. Description of the procedures of reception, collection and further handling of sewage

7.1 Procedures for reception, collection and further handling of sewage **by a tank vehicle** in Muuga Harbour, Paldiski South Harbour, Paljassaare Harbour, Saaremaa Harbour and in Old City Harbour.

7.1.1 The Notice provided to the EMDE shall state the quantity of sewage delivered.

7.1.2 Handling of quantities received for a waste fee (see article 12) shall be organized by AS Green Marine. Contact data has been provided in annex no. 1.

7.1.3 Reception of quantities not received for a waste fee shall be performed by private companies having the respective license. Information on waste handling companies rendering services in the port has been provided in annex no. 1.

7.1.4 Waste shall be delivered to the tank vehicle on the berth (non-vacuum collection, 14m<sup>3</sup> tanks).

7.1.5 In Saaremaa Harbour the maximum capacity is up to 14m<sup>3</sup> per day.

7.1.6 The ship shall deliver the waste using a ship's pump with a minimum pumping speed of at least 7.5 m<sup>3</sup>/h. Upon lower pumping speed Ship's representative shall agree with the waste handling company separately on work terms and the waste handling company shall have a right to request a reasoned additional fee for the time of the reception procedure from the Ship's representative.

7.1.7 Black- or greywater pumped ashore shall not contain contamination of other waste or products such as oily waste, chemicals or other substances that can be harmful to sewage treatment plants. The pollutant concentration values in the discharged sewage shall not exceed the limit values set by the water undertaking, otherwise AS Green Marine is entitled to demand a reasonable surcharge from the Ship's representative to cover the costs generated by over pollution.

7.1.8 The crew shall perform hose connection on board and ensure presence of the watchman for avoiding of possible leakages and ensuring of safety.

7.1.9 In the event of a spill, the Port Vessel Traffic Management Department shall be notified immediately, and the first steps shall be taken to eliminate the spill.

7.1.10 The hoses and connection flanges used shall comply with international requirements.

7.1.11 Pressure in the hose between the ship and the tank vehicle shall not exceed 0.5 Mpa (5 kp/cm<sup>2</sup>).

7.1.12 Laytime starting from readiness for delivery shall not exceed 30 minutes. This also includes time spent on hose ship connection.

7.1.13 At the rendering on the service a waste from ships delivery act shall be prepared.

7.1.14 The company providing the sewer discharge service shall have a contract with the water undertaking, in whose area the service shall be rendered.

- 7.2 Procedures for reception, collection and further handling of sewage **via sewerage piping system** in Old City Harbour.
- 7.2.1 The Notice provided to the EMDE shall state the quantity of sewage delivered.
  - 7.2.2 Reception of sewage via sewerage piping system is possible from ships mooring at Old City Harbour berths no. 1 and no. 3 (total 80m<sup>3</sup>/h), no. 5, 7, 8, 10, 12-15, 17 (up to 100m<sup>3</sup>/h from each berth) and no. 24-27 (up to 200m<sup>3</sup>/h from each berth). Their locations have been provided on the scheme of annex 2.
  - 7.2.3 Reception of sewage from cruise ships shall be organized by the AS Green Marine.
  - 7.2.4 Reception of sewage from passenger ships shall be organized by the ship's crew and connections to the shore pipeline shall be made with the ship's own hoses.
  - 7.2.5 The declaration concerning the discharge of sewage (see annex no. 4) shall be signed between cruise ship's representative and AS Green Marine prior to discharge via sewerage piping system.
  - 7.2.6 In case when cruise ships are requesting to discharge sewage simultaneously, the order of discharge shall be determined by AS Green Marine.
  - 7.2.7 Upon delivery of the cruise ship's sewage at quay no. 1, AS Green Marine shall monitor and ensure that the maximum amount of sewage (80m<sup>3</sup>/h) is not exceeded, when sewage is discharged simultaneously at berths no. 1 and 3.
  - 7.2.8 Prior to pumping blackwater ashore, the ship shall mix the pumped blackwater and greywater in a ratio of 1:5 or, if there is no technical capability on board, the ship shall first pump the blackwater and then the greywater in a ratio of 1: 5.
  - 7.2.9 Undiluted blackwater and sewage sludge (bio-residuals) shall not be pumped into sewerage system but shall be transferred to a tank vehicle as described in section 7.1.
  - 7.2.10 Black- or greywater pumped ashore shall not contain contamination of other waste or products such as oily waste, chemicals or other substances that can be harmful to sewage treatment plants. The pollutant concentration values in the discharged sewage shall not exceed the limit values set by the local water undertaking AS Tallinna Vesi, otherwise the Port is entitled to demand a reasonable surcharge from the Ship's representative to cover the costs generated by over pollution.
  - 7.2.11 The crew shall perform hose connection on board and ensure presence of the watchman for avoiding of possible leakages and ensuring of safety.
    - 7.2.11.1 The crew of passenger ships shall also perform hose connections on berth.
  - 7.2.12 In the event of a spill, the Port Vessel Traffic Management Department shall be notified immediately, and the first steps shall be taken to eliminate the spill.
  - 7.2.13 The hoses and connection flanges used shall comply with international requirements (shore pipeline system connections are CAMLOCK 4").
  - 7.2.14 Pressure in the hose between the ship and the piping system shall not exceed 0.5 Mpa (5 kp/cm<sup>2</sup>).
  - 7.2.15 Laytime of AS Green Marine, starting from readiness for delivery, shall not exceed 30 minutes. This also includes time spent on hose ship connection.
  - 7.2.16 At the rendering on the service a waste from ships delivery act shall be prepared.
    - 7.2.16.1 Passenger ships shall submit a monthly statement of the quantities of wastewater discharged to the Vessel Traffic Management Department by the second working day of the month following the month of admission.
  - 7.2.17 Sewage received via sewerage piping system shall be directed to the public sewage system of the city of Tallinn.

## **8. Description of the procedures of reception, collection and further handling of MARPOL Annex VI-related waste**

- 8.1 The Notice provided to the EMDE shall state the type and quantity of MARPOL Annex VI-related wastes.
- 8.2 Handling of MARPOL Annex VI-related wastes shall be organized by AS Green Marine. Contact data has been provided in annex no. 1.

- 8.3 Procedures of reception, collection and further handling of MARPOL Annex VI-related wastes shall be performed as follows:
- 8.3.1 Pumped wastes in accordance with article 5;
  - 8.3.2 Other wastes in accordance with article 6.
- 8.4 At the rendering of the service a waste from ships delivery act shall be prepared.
- 8.5 At the delivery of ship-generated waste from ships a consignment note of hazardous waste shall be prepared in accordance with regulation no. 4 of the minister of environmental affairs dated 15.01.2021 "Data composition of the consignment note of hazardous waste and the procedure of preparation, forwarding and registration of the consignment note".
- 8.6 All waste shall be delivered to companies having an appropriate environmental protection permit for further handling (for performing of recycling and elimination procedures) ensuring further handling in accordance with valid legislation.

## **9. Description of the procedures of reception, collection and further handling of cargo residues**

- 9.1 The Notice provided to the EMDE shall state the type and quantity of cargo residues delivered.
- 9.2 Reception of cargo residues shall be performed by companies having a respective operating license and equipment. Information on waste handling companies operating in the Port has been provided in annex no. 1.
- 9.3 Procedures of reception, collection and further handling of cargo residues shall be performed as follows:
- 9.3.1 Cargo residues including pumped oil products and oil in accordance with article 5;
  - 9.3.2 Other pumped cargo residues in accordance with article 7;
  - 9.3.3 Other cargo residues in accordance with article 6.
- 9.4 At the rendering of the service a waste from ships delivery act shall be prepared.
- 9.5 At the delivery of ship-generated waste from ships a consignment note of hazardous waste shall be prepared in accordance with regulation no. 4 of the minister of environmental affairs dated 15.01.2021 "Data composition of the consignment note of hazardous waste and the procedure of preparation, forwarding and registration of the consignment note".
- 9.6 All waste shall be delivered to companies having an appropriate environmental protection permit for further handling (for performing of recycling and elimination procedures) ensuring further handling in accordance with valid legislation.

## **10. Description of the procedures of reception, collection and further handling of exceptional waste**

- 10.1 Procedures of reception, collection and further handling of infectious waste.
- 10.1.1 Reception of infectious waste shall be performed only at the official coordination of the Health Board. The garbage and sewage of the ship in quarantine may be infectious.
  - 10.1.2 Infectious sewage of the ship shall be collected into the ship's sewage tank and shall be disinfected by a disinfection company. Procedures of reception, collection and further handling of disinfected sewage shall be performed in accordance with article 7.
  - 10.1.3 Reception of infectious garbage shall be performed by companies having an appropriate environmental protection permit. Information on waste handling companies rendering services in the port has been provided in annex no. 1.
  - 10.1.4 Reception of infectious garbage shall be performed with the help of equipment modified for the reception of the respective type of waste (capacity of reception facilities 0.6 – 30m<sup>3</sup>).
  - 10.1.5 A waste from ships delivery act shall be prepared on the rendering of the service.
  - 10.1.6 Infectious garbage shall be delivered to companies having an appropriate environmental protection permit for further handling (for performing of recycling and elimination procedures) ensuring further handling in accordance with valid legislation.



- 10.1.7 The Ship's representative shall pay for the reception of infectious waste directly to the waste handling company in accordance with the delivered quantity and price list of the waste handling company.
- 10.2 Procedures of reception, collecting and further handling of pyrotechnic equipment.
  - 10.2.1 The Notice presented to the EMDE shall indicate the type and quantity of pyrotechnic equipment.
  - 10.2.2 Old pyrotechnic products belonging to ship's safety equipment (signal lights and rockets, alarm lighting rockets, smoke rockets, etc.) shall be delivered to the company engaged with pyrotechnics and elimination of pyrotechnic products. Contact data has been provided in annex no. 1.
  - 10.2.3 Reception of pyrotechnic products shall be performed in accordance with equipment modified for the respective type of waste (capacity of reception facility up to 15m<sup>3</sup>).
  - 10.2.4 A waste from ships delivery act shall be prepared on the rendering of the service.
  - 10.2.5 The Ship's representative shall pay for the reception of pyrotechnic products directly to the receiver of pyrotechnic equipment in accordance with the delivered quantity and price list of the receiver.
- 10.3 Procedures of reception, collection and further handling of ballast water and ballast sludge.
  - 10.3.1 The Notice presented to the EMDE shall indicate the quantity of ballast water and ballast sludge delivered.
  - 10.3.2 Ballast water and ballast sludge shall be received only from ships, on which ballast water tank repairs and cleaning is performed in the Paljassaare Harbour.
  - 10.3.3 Ballast water and ballast sludge shall be received and handled as ordinary sewage/sludge of ships (waste code 19 08 05) and the procedures of reception, collection and further handling shall be performed in accordance with article 7.
  - 10.3.4 Information on waste handling companies rendering sewage reception services in the port has been provided in annex no. 1.
  - 10.3.5 A waste from ships delivery act shall be prepared on the rendering of the service.
  - 10.3.6 The Ship's representative shall pay for reception of ballast water and ballast sludge directly to the waste handling company in accordance with the quantity delivered and price list of the waste handling company.

## **11. Description of pre-handling equipment and processes**

- 11.1 Pre-handling of waste from ships is not performed.

## **12. Description of the fee system**

- 12.1 Waste fee is levied from all ships calling at the Port for each call, in case of passenger ships for one call per day, irrespective of the actual use of port reception facilities. At the establishing of the waste fee rate the following shall be considered:
  - 12.1.1 ship's type;
  - 12.1.2 ship's gross tonnage (GT);
  - 12.1.3 calculated average waste from ships quantity;
  - 12.1.4 price fixed in the contract concluded with the company performing waste handling.
- 12.2 Waste fee is levied by Port of Tallinn. The rates are reviewed once a year or if the data provided in article 12.1 changes significantly. Waste fee rates have been provided on Port homepage at <https://www.ts.ee/en/rules-rates/> under the document Port Charges and Fees and ship agents shall be notified of changes in the rates at least one month prior to the date of effecting of the changes.
- 12.3 The following waste from ships shall be received from ships for a waste fee:
  - 12.3.1 bilge water, sludge, used engine oil (MARPOL Annex I);
  - 12.3.2 sewage (MARPOL Annex IV);
  - 12.3.3 garbage, hazardous waste and waste caught passively by fishing gear in commercial fishing (MARPOL Annex V);

- 12.3.4 other waste from ships, which are generated during the operation of a ship and fall under the scope of MARPOL 73/78 annexes I, IV and V.
- 12.4 If waste fee does not cover all costs related to reception of waste from ships, the uncovered part of the costs may be covered by the additional fee levied based on the type and quantity of ship-generated waste actually delivered by ship on a cost basis. More detailed terms and procedure of payment of the additional fee shall be agreed with the Ship's representative separately.
- 12.4.1 Ships using a free quay as per prior order (incl. vessels calling at the port only for bunkering, discharge of ship waste, repair work, water supply or other activities not related to loading-unloading work), pay for waste from ships directly to the company receiving the waste, based on the amount of waste discharged and the tariffs of the company receiving the waste.
- 12.5 7m<sup>3</sup> of sewage shall be received for waste fee. The Ship's representative shall pay directly to the sewage company for sewage quantities exceeding 7m<sup>3</sup> included in the waste fee in accordance with the quantity delivered and price list of the waste handling company.
- 12.6 The restriction laid down in section 12.5 does not apply to cruise ships and passenger ships in Old City Harbour.
- 12.7 The Ship's representative shall pay directly to the waste handling company for the reception of cargo residues and MARPOL Annex VI-related wastes in accordance with the quantity of cargo residues delivered and the price list of the waste handling company.
- 12.8 All ships calling at Port of Tallinn, excluding military ships and ships on state duty, have a waste fee payment obligation.
- 12.9 Exemption from the obligation of waste fee payment.
- 12.9.1 A regular line ships frequently calling at the port will be exempted from the obligation of payment of the waste fee, in case:
- 12.9.1.1 the ship has a written agreement with some port on the route according to which waste from ships is received and the fee for reception is collected in that port;
- 12.9.1.2 the Transport Administration has sufficient proof on the fact that reception and payment of the fee for all waste from ships is ensured in one port on the route of the ship.
- 12.9.2 For ship's exemption from the obligation to pay a waste fee a corresponding application shall be forwarded to the Port and the Transport Administration.
- 12.9.3 The port shall notify the ship and Transport Administration of its consent on the exemption from the obligation to pay the waste fee.
- 12.9.4 The port shall exempt the ship from the obligation to pay the waste fee on a precondition that Transport Administration has issued to a ship owner a certificate on exemption from obligatory delivery of ship-generated waste and notification in the ports of the Republic of Estonia.
- 12.9.5 The ship shall be exempted from the obligation to pay a waste fee starting from the date of the issuing of the certificate issued by the Transport Administration on precondition that the Ship's representative forwards this to the port during the period of 3 business days from the time of validity of the certificate.

### **13. Reception of waste from ships from ships exempted from waste fee**

- 13.1 Reception of waste from ships having the certificate of exemption from obligatory reception and notification of waste from ships in the ports of the Republic of Estonia issued by the Transport Administration.
- 13.1.1 Ships having the certificate of exemption from obligatory reception and notification of waste from ships in the ports of the Republic of Estonia issued by the Transport Administration shall organize their waste handling in accordance with the contract and take their ship-generated waste to the ports indicated in the contract on a regular basis.
- 13.1.2 If in an exceptional case the ship wants to deliver waste from ships, the procedures of reception, collection and further handling of waste from ships do not differ from the ones described in the Plan, excluding the obligation of presentation of the Notice and payment of the waste fee.

- 13.1.3 The Ship's representative shall pay for the reception of waste from ships to the waste handling company directly in accordance with the delivered quantity and price list of the waste handling company.
- 13.2 Reception of waste from ships from military vessels and vessels on sate duty.
  - 13.2.1 Procedures of reception, collection and further handling of waste from ships from military vessels and vessels on sate duty do not differ from those described in the Plan, excluding the obligation of presentation of the Notice and payment of the waste fee.
  - 13.2.2 The Ship's representative shall pay for the reception of waste from ships to the waste handling company directly in accordance with the delivered quantity and price list of the waste handling company.
- 13.3 Reception of ship-generated waste of small crafts calling at the Old City Marina.
  - 13.3.1 The location of fixed port reception facilities in the Old City Marina has been provided on the scheme of annex 2.
  - 13.3.2 Reception of bilge water and other pumped waste including oil and oil products shall be performed on berth no. 23, where with the help of the shore pump is possible to pump bilge water and other pumped waste including oil products and oil into the tank located on the berth (capacity of reception facility 1m<sup>3</sup>/h).
  - 13.3.3 Garbage and hazardous waste can be delivered to the respective containers of the waste facility located on berth no. 22 (capacity of each reception facilities up to 0.6m<sup>3</sup>). All liquid wastes shall be handed over in securely sealed containers.
  - 13.3.4 Emptying of toilet tanks and chemical toilets shall be performed on berth no. 23, where sewage can be pumped with the help of shore pump into the tank located on the berth, which is connected to the sewerage pipeline and shall be directed to the public sewage system of the city of Tallinn (capacity of reception facility 3m<sup>3</sup>/h).
  - 13.3.5 Reception fee of the aforementioned waste is included in the port dues and charges of the marina, notification of which changes shall be performed one month prior to the beginning of the navigation season at the latest on Port of Tallinn homepage at <https://www.ts.ee/en/rules-rates/>.
  - 13.3.6 All waste shall be delivered to companies having an appropriate environmental protection permit for further handling (for performing of recycling and elimination procedures) ensuring further handling in accordance with valid legislation.

#### **14. Procedure of notification of shortcomings in port reception facilities**

- 14.1 The employee of Port Vessel Traffic Management Department shall notify the Ship's representative and other interested parties immediately, if temporary restrictions or shortcomings have occurred or can be foreseen at the reception of waste from ships.
- 14.2 All problems and complaints related to the port reception facilities shall be immediately reported to the Port Vessel Traffic Management Department or the head of quality and environmental management.
- 14.3 The ship's captain must notify, through EMDE, the Environmental Board and in foreign states additionally the competent authority of the country of location of the port of alleged deficiencies in the port reception facilities. The notification of deficiencies in the port's reception facilities shall be based on the data set established by the International Maritime Organization (IMO).

#### **15. Procedure of continuous information Exchange between port users, waste handling companies and other interested parties**

- 15.1 Continuous information exchange between the Port, Port users, waste handling companies and other interested parties shall take place via e-mail, phone calls, meetings and through port homepage [www.ts.ee](http://www.ts.ee), newsletters and client satisfaction studies to ensure smooth reception of waste from ships and to keep the Plan up-to-date.

- 15.2 When preparing a waste from ships reception and handling plan and substantially amending it, a port authority consults the port users or their representatives, where necessary representatives of the competent authorities of the local government, waste handlers and civil society.
- 15.3 Ships calling at the Port and other interested parties shall receive information on reception, handling and fees' system of ship- generated waste and cargo residues through ship agents and the Port Vessel Traffic Management Department and on Port homepage at <https://www.ts.ee/en/rules-rates/>.
- 15.4 Ship agents shall be notified of the provisions of the present plan through port homepage [www.ts.ee](http://www.ts.ee) and also via e-mail immediately after adoption of changes.

## 16. Waste calculation and reporting

- 16.1 The Port keeps record of the type and quantity of waste from ships based on waste from ships delivery acts.
- 16.2 All waste handling companies rendering waste from ships reception service in the Port shall keep continuous record of waste from ships received, stored or intermediary-stored, transported, handled recycled or eliminated in the Port by type and quantity according to waste codes and upon the request of the Port present the aforementioned data to the Port.
- 16.3 At the classification of waste from ships and establishing of waste codes regulation no. 70 of the Minister of the Environment dated 14.12.2015 "Procedure for the classification of waste and the list of waste" shall be taken as a bases.

## 17. Rights and obligations of the ship's representative

- 17.1 The Ship's representative shall have the right to ask and receive information from the Port and the waste handling company on possibilities to deliver different waste from ships in the port.
- 17.2 The Ship's representative shall present the Notice in a timely manner (see article 4.1) and correctly completed. Upon appearing of incorrect data, the Ship's representative shall annul the Notice and present the new Notice with correct data.
- 17.3 The Ship's representative shall deliver all the waste from ships before leaving the Port.
- 17.4 The Ship's representative shall not be required to deliver all the waste from ships, where it appears from the information submitted in the advance notification that the existing storage facilities of the ship are sufficient for holding the waste from ships already accumulated and to be accumulated during the intended voyage until the arrival in the port of delivery, with the exception of:
  - 17.4.1 the port of delivery of waste from ships or port of destination is unknown;
  - 17.4.2 there is reason to believe that the proposed port of transfer does not have sufficient reception facilities and this information has been presented to the ship;
  - 17.4.3 in the event of garbage collected for transfer, with the exception of food waste;
  - 17.4.4 in the event of category X and Y environmentally hazardous chemicals from pre-wash of vehicle tanks, excluding cases indicated in sections 6 and 7 of rule 16 of annex II to international convention for the prevention of pollution from ships.
- 17.5 If more stringent requirements to exceptions indicated in article 17.4 have been established with international conventions, the requirements of the respective conventions shall be applied.
- 17.6 In addition to stipulations of articles 17.4 cargo residues shall not be delivered, if:
  - 17.6.1 according to international convention for the prevention of pollution from ships delivery is not required;
  - 17.6.2 the ship has a written agreement with the owner of the next port of entry, according to which respective cargo residues are received in this port;
  - 17.6.3 new cargo includes the same substance constituting the previous cargo, or if cargo residues are eliminated with the help of ventilation on the sea or if an entry is made into the cargo record book reasoning the remaining of cargo residues on board the ship and the entry is confirmed by

the acknowledged chemical tanker loading operation surveyor according to the Maritime Safety Act.

- 17.7 The Ship's representative shall deliver waste from ships generated by type and upon delivery mixing of different types of waste from ships shall be avoided. All hazardous waste shall be collected and delivered to the waste handling company separately.
- 17.8 The Ship's representative shall notify the waste handling company the date and time, when the ship is ready to deliver its waste from ships and ensure delivery of ship-generated waste and cargo residues by the time agreed by the ship.
- 17.9 The Ship's representative shall in an efficient manner notify the Port Vessel Traffic Management Department and the waste handling company of changes in the data indicated on the Notice and of other circumstances possibly hindering rendering of the waste handling service to the ship, upon the request of the waste handling company provide additional information on waste from ships.
- 17.10 The Ship's representative shall follow all organization requirements of notification, reception and delivery of waste from ships established in the Plan. Upon violation of requirements the port shall immediately notify the Environmental Board and the Transport Administration immediately through the EMDE.

### 18. Rights and obligations of the waste handling companies

- 18.1 The waste handling company shall have the right to ask for and receive information from the Ship's representative, which is necessary for the planning and performing of delivery and reception of waste from ships.
- 18.2 The waste handling company shall coordinate with the ship's representative the time for performing of the planned work.
- 18.3 The waste handling company shall fulfil obligations coordinated with the Ship's representative and Port Vessel Traffic Management Department in a timely manner, at the agreed terms and to the agreed extent.
- 18.4 The waste handling company shall immediately notify the ship's representative and Port Vessel Traffic Management Department or the head of the quality and environmental management department of hindrances or changes at the rendering of the waste handling service and provide efficient solutions to avoid unnecessary delay to the ship in the port or non-provision of the waste handling service.
- 18.5 The waste handling company shall organize and perform all work, following occupational protection, fire safety, sanitary and environmental requirements effective in the port, follow signs and identifications regulating traffic and fulfil requirements arising from other legal acts and good customs.

### 19. Summary of legal acts and procedures regulating delivery of waste from ships

<b>Legal Act</b>	<b>Summary of procedures</b>
Port Act Basis for establishing procedures.	<p>Reception of waste from ships from ships, which the port services have been organized in the Port;</p> <p>The Port does not deal directly with waste handling and has delegated reception of waste from ships to the contractual partner AS Green Marine. Reception of cargo residues shall be performed by companies having an appropriate environmental protection permit;</p> <p>Waste fee levied for the reception of waste from ships and bases for its calculation are understandable and publicly available for port users.</p>

<p>Regulation no. 31 of the minister of economic affairs and communications dated 21 April 2022 “Requirements for the submission of information regarding the transfer and receipt of waste from ship and the bases for determining the waste fee”.</p>	<p>The plan includes requirements for the provision of information on waste from ships. Waste fee levied for the reception of waste from ships and bases for its calculation are understandable and publicly available for port users.</p>
<p>Waste Act General requirements of waste management.</p>	<p>The plan includes general requirements of collection and delivery of waste from ships by type;  All waste handling companies rendering waste from ships reception service in the Port shall have an appropriate environmental protection permit;</p>
<p>Regulation no. 70 of the Minister of the Environment dated 14.12.2015 “Procedure for the classification of waste and the list of waste” Waste list division codes and basis for establishing waste code numbers.</p>	<p>The plan includes bases for establishing of types of waste from ships and for establishing of waste codes.</p>
<p>Regulation no. 4 of the minister of environmental affairs dated 15.01.2021 ““Data composition of the consignment note of hazardous waste and the procedure of preparation, forwarding and registration of the consignment note””. Procedure of preparing of the consignment note of hazardous waste.</p>	<p>The plan includes the procedure of presenting of the consignment note of hazardous waste.</p>
<p>Maritime Safety Act (passed 12.12.2001)</p>	<p>The supervisory officials of the Transport Administration may prohibit a ship from leaving a port if environmental safety requirements, including the requirements regarding delivery of waste from ships, are violated.</p>
<p>Regulation no.39 of the minister of economic affairs and communications „Statute of Transport Document Exchange “ General requirements of entering information regarding waste from ships to EMDE</p>	<p>The Plan includes the procedure for entering data of waste from ships to the EMDE</p>

International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) Annexes I, IV, V and VI and the protocols in force to that Convention	The port has sufficient port reception facilities
--	---

**20. Approval and implementation of the plan and contact details of the person responsible for the implementation of the plan**

- 20.1 Prior to implementation of the Plan and least in every 5 (five) years and after substantial changes in port operations, the Plan shall be submitted to the Environmental Board for approval.
- 20.2 The head of the quality and environmental management shall be responsible for implementation of the plan. Contact data: phone +372 505 8902, e-mail: [e.kaasik@ts](mailto:e.kaasik@ts).
- 20.3 Company information: AS Tallinna Sadam; registry code 10137319; home page [www.ts.ee/en/](http://www.ts.ee/en/)
- 20.4 Entering into force of the plan shall be approved with the directive of the head of the management board of Port of Tallinn.

**WASTE HANDLING COMPANIES**

---

**Reception of waste for waste fee**

**GREEN MARINE AS**

Tel (372) 631 8253  
Mob (372) 51 59 303 (24h)  
e-mail [greenmarine@greenmarine.ee](mailto:greenmarine@greenmarine.ee)  
Homepage [www.greenmarine.ee](http://www.greenmarine.ee)

---

**Reception of waste not for waste fee**

**Reception of garbage**

**GREEN MARINE AS**

Tel (372) 631 8253  
Mob (372) 51 59 303 (24h)  
e-mail [greenmarine@greenmarine.ee](mailto:greenmarine@greenmarine.ee)  
Homepage [www.greenmarine.ee](http://www.greenmarine.ee)

**RAGN-SELLS AS**

Tel 60 60 439  
e-mail [info@ragnsells.ee](mailto:info@ragnsells.ee)  
Homepage [www.ragnsells.ee](http://www.ragnsells.ee)

**PRÜGIMEES OÜ**

Tel (372) 4 53 16 03  
e-mail [saaremaa@keskkonnateenused.ee](mailto:saaremaa@keskkonnateenused.ee)  
Homepage [www.prugimees.ee](http://www.prugimees.ee)

**Reception of hazardous waste**

**GREEN MARINE AS**

Tel (372) 631 8253  
Mob (372) 51 59 303 (24h)  
e-mail [greenmarine@greenmarine.ee](mailto:greenmarine@greenmarine.ee)  
Homepage [www.greenmarine.ee](http://www.greenmarine.ee)

**VAGGEN AS**

Tel (372) 6 46 46 02  
e-mail [beb@beb.ee](mailto:beb@beb.ee)

**RAGN-SELLS AS**

Tel 60 60 439  
e-mail [info@ragnsells.ee](mailto:info@ragnsells.ee)  
Homepage [www.ragnsell.ee](http://www.ragnsell.ee)

**PRÜGIMEES OÜ**

Tel (372) 4 53 16 03  
e-mail [saaremaa@keskkonnateenused.ee](mailto:saaremaa@keskkonnateenused.ee)  
Homepage [www.prugimees.ee](http://www.prugimees.ee)

**Reception of sewage**

**GREEN MARINE AS**

Tel (372) 631 8253  
Mob (372) 51 59 303 (24h)  
e-mail [greenmarine@greenmarine.ee](mailto:greenmarine@greenmarine.ee)  
Homepage [www.greenmarine.ee](http://www.greenmarine.ee)

**PRÜGIMEES OÜ**

Tel (372) 4 53 16 03  
e-mail [saaremaa@keskkonnateenused.ee](mailto:saaremaa@keskkonnateenused.ee)  
Homepage [www.prugimees.ee](http://www.prugimees.ee)

**Reception of pyrotechnic equipment**

**RUF EESTI AS**

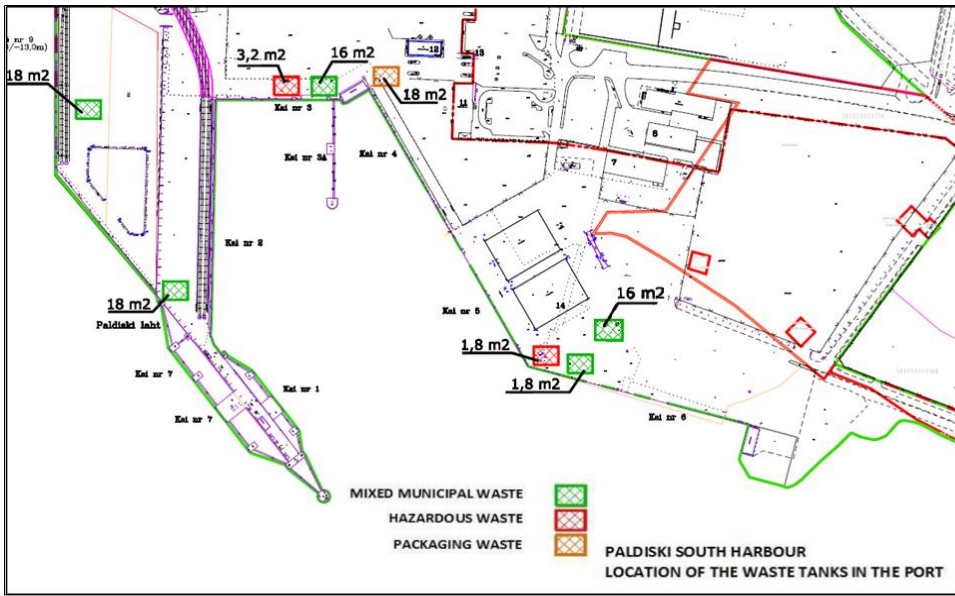
Tel (372) 658 7053  
Mob (372) 50 33187  
e-mail: [ruf@fireworks.ee](mailto:ruf@fireworks.ee)  
Homepage [www.fireworks.ee](http://www.fireworks.ee)

**ILUTULESTIKU KESKUS ARNIKA OÜ**

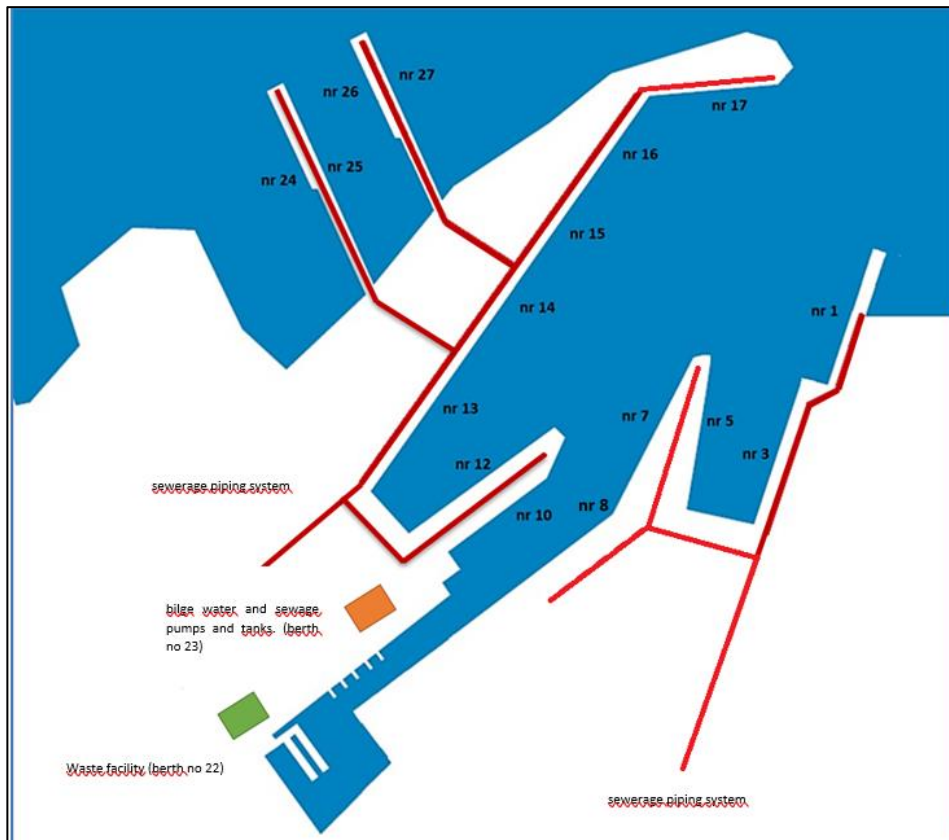
Tel (372) 433 5111  
Mob (372) 51 46258  
e-mail: [info@arnika.ee](mailto:info@arnika.ee)  
Homepage [www.arnika.ee](http://www.arnika.ee)



## Annex 2



Location of fixed port reception facilities in the Old City Harbour:



Types of waste collected at the waste facility:

- packaging waste
- hazardous waste
- bio-waste
- mixed municipal waste

### Annex 3

Waste classification compliance between MARPOL 73/78 and Regulation no. 70 of the Government of the Republic dated 14.12.2015 "Procedure for the classification of waste and the list of waste"

MARPOL 73 / 78		Regulation no. 102 of the Government of the Republic dated 06.04.2004 "List of waste, including hazardous waste"
Type of waste from ships	MARPOL 73 / 78 Annex	
OILY WASTE	I	–
Bilge water, oily ballast water		13 04 bilge water
Oily tank washings (slops)		16 07 08* waste containing oil
Sludge		16 07 08* waste containing oil
Used motor oil		13 02 motor oil
CARGO RESIDUES (Category of NLS residues)	II	–
Washing waters containing noxious cargo residues		16 07 09* waste containing other hazardous substances
Ballast waters containing noxious cargo residues		16 07 09* waste containing other hazardous substances
SEWAGE	IV	–
Blackwater		–
Sewage sludge		19 08 05 sewage cleaning residues
GARBAGE	V	–
Plastic		20 01 39 plastic, 15 01 02 plastic packaging
Food waste		20 01 08 bio wastes
Domestic waste		20 domestic waste (excluding 20 01 39 ja 20 01 08)
Cooking oil and fat		20 01 25 cooking oil and fat
Incinerator ashes		19 01 wastes generated by incineration
Operational waste		use the waste list to find appropriate waste code
Dry bulk cargo residues (washing water)		16 07 99 wastes not otherwise specified
Animal carcasses		–
Fishing nets		02 01 04 plastic (excluding packaging)
Paper		20 01 01 paper, 15 01 01 paper packaging
Rags		20 01 11 textile
Glass		20 01 02 glass, 15 01 07 glass packaging
Metal and tin		20 01 40 metal, 15 01 04 metal packaging
Bottles		15 01 02 plastic packaging, 15 01 07 glass packaging
Crockery		20 03 01 mixed domestic waste
Dunnage, lining or packing material		15 packaging waste (excluding 15 01 03, 15 01 03 wood packaging)
Ozone-depleting substances and equipment containing such substances	VI	14 06 01* chlorofluorocarbons, HCFC-, HFC-substances; 16 05 04* gases containing hazardous substances (including halons).
Exhaust gas-cleaning residues		10 01 18* waste from gas cleaning containing dangerous substances 10 01 19 waste from gas cleaning, which are not specified in 10 01 18

\*marked as hazardous wastes according to the Regulation

Annex 4

Port of Tallinn  
Concerning the discharge of sewage

DATE:

VESSEL NAME:

IMO NR:

AGENT:

BERTH NR:

**A - Ship declaration:**

With the signature I hereby state that:

- Black- or Greywater pumped ashore do not contain contamination of other waste or products such as oily waste, chemicals or other substances that can be harmful to sewage treatment plants;
- Prior to pumping Blackwater ashore, the ship mixes the pumped Blackwater and Graywater in a ratio of 1:5 or, if there is no technical capability on board, the ship will first pump the Blackwater and then the Graywater in a ratio of 1: 5;
- Hose flushing shall be done from ship side.

-----

Chief engineer/ Officer in charge

**B – Instructions for discharging:**

Approximate quantity of Blackwater \_\_\_\_\_ m3

Approximate quantity of Greywater \_\_\_\_\_ m3

Confirmed ship pumping rate \_\_\_\_\_ m3/hour

Flow Meter start \_\_\_\_\_

Flow Meter stop \_\_\_\_\_

Actual quantity received \_\_\_\_\_ m3

-----

Waste handling company  
in charge Green Marine representative

-----

Chief engineer/ Officer

## Annex 5: Description of the type and capacity of the port reception facilities

Type of waste:	Name of the Harbour	Service provider	Type of facility: F (fixed) T (tanker or barge) Tr (tank truck/portable tank) Other (please specify)	Discharge restrictions/limitations: Minimum quantity (m3) Maximum quantity (m3) Maximum discharge rate (m3/h) Other	Availability of the reception facility: 24 hours a day, 7 days per week; 24 hours a day, 5 days per week; Business hours only, 7 days per week; Business hours only, 5 days per week; Other (specify)	Minimum prior notice required: ___ hours; Charging system: Free of charge; Cost included in port dues; Cost charged in addition to other services; Other (specify)	Additional information:
MARPOL Annex IV Sewage	Old City Harbour	AS Green Marine	F; TR	TR: No restrictions or limitations F: Maximum discharge rate: quays nr 1, nr 3 (together 80m3/h), nr 5, 7, 8, 10, 12-15 (every quay up to 100m3/h) and nr 24-27 (every quay up to 200m3/h).	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	7m3 of sewage shall be received for waste fee (excluding cruise ships and passenger ships)
	Muuga sadam	AS Green Marine	TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	7m3 of sewage shall be received for waste fee
	Paljassaare Harbour	AS Green Marine	TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	7m3 of sewage shall be received for waste fee
	Paldiski South Harbour	AS Green Marine	TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	7m3 of sewage shall be received for waste fee
	Saaremaa Harbour	AS Green Marine	TR	maximum capacity is 14m3 per day	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	7m3 of sewage shall be received for waste fee Other service providers (cost charged in addition to port dues): OÜ Prügimees
	Old City Marina	self-service	F	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 0 hours; Charging system: Cost included in port dues;	
MARPOL Annex I (excluding cargo residues) Including: Bilge water, sludge, used engine oil	Old City Harbour	AS Green Marine	T; TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Muuga sadam	AS Green Marine	T; TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Paljassaare Harbour	AS Green Marine	T; TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Paldiski South Harbour	AS Green Marine	T; TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Saaremaa Harbour	AS Green Marine	TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	
	Old City Marina	self-service	F	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 0 hours; Charging system: Cost included in port dues;	

Type of waste:	Name of the Harbour	Service provider	Type of facility: F (fixed) T (tanker or barge) Tr (tank truck/portable tank) Other (please specify)	Discharge restrictions/limitations: Minimum quantity (m3) Maximum quantity (m3) Maximum discharge rate (m3/h) Other	Availability of the reception facility: 24 hours a day, 7 days per week; 24 hours a day, 5 days per week; Business hours only, 7 days per week; Business hours only, 5 days per week; Other (specify)	Minimum prior notice required: ___ hours; Charging system: Free of charge; Cost included in port dues; Cost charged in addition to other services; Other (specify)	Additional information:
<b>MARPOL Annex V</b> (excluding cargo residues)  Including: Plastics, Food wastes, Domestic wastes, Cooking oil, Incinerator ashes, Operational wastes, Fishing gear, E-waste	<b>Old City Harbour</b>	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): AS Ragn Sells Service provider for pyrotechnic equipment (cost charged in addition to port dues): RUF Eesti AS, Ilutulestiku Keskus Arnika OÜ
	<b>Muuga sadam</b>	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): AS Ragn Sells Service provider for pyrotechnic equipment (cost charged in addition to port dues): RUF Eesti AS, Ilutulestiku Keskus Arnika OÜ
	<b>Paljassaare Harbour</b>	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): AS Ragn Sells Service provider for pyrotechnic equipment (cost charged in addition to port dues): RUF Eesti AS, Ilutulestiku Keskus Arnika OÜ
	<b>Paldiski South Harbour</b>	AS Green Marine; self-service	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): AS Ragn Sells Service provider for pyrotechnic equipment (cost charged in addition to port dues): RUF Eesti AS, Ilutulestiku Keskus Arnika OÜ
	<b>Saaremaa Harbour</b>	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost included in port dues;	Other service providers (cost charged in addition to port dues): OÜ Prügimees Service provider for pyrotechnic equipment (cost charged in addition to port dues): RUF Eesti AS, Ilutulestiku Keskus Arnika OÜ
	<b>Old City Marina</b>	self-service	waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 0 hours; Charging system: Cost included in port dues;	

Type of waste:	Name of the Harbour	Service provider	Type of facility: F (fixed) T (tanker or barge) Tr (tank truck/portable tank) Other (please specify)	Discharge restrictions/limitations: Minimum quantity (m3) Maximum quantity (m3) Maximum discharge rate (m3/h) Other	Availability of the reception facility: 24 hours a day, 7 days per week; 24 hours a day, 5 days per week; Business hours only, 7 days per week; Business hours only, 5 days per week; Other (specify)	Minimum prior notice required: ___ hours; Charging system: Free of charge; Cost included in port dues; Cost charged in addition to other services; Other (specify)	Additional information:
MARPOL Annex VI related Ozone-depleting substances, Exhaust gas-cleaning residues	Old City Harbour	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	
	Muuga sadam	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	
	Paljassaare Harbour	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	
	Paldiski South Harbour	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	
	Saaremaa Harbour	AS Green Marine	TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	
	Old City Marina	N/A	N/A	N/A	N/A	N/A	
Cargo residues (MARPOL Annex I, II, V) <small>(Annex I: Oily tank washings (slops), Dirty ballast water, Scale and sludge from tanker cleaning, Annex II: Category X, Y, Z substances, Annex V: cargo residues (HME and non-HME))</small>	Old City Harbour	AS Green Marine	T; TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Muuga sadam	AS Green Marine	T; TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Paljassaare Harbour	AS Green Marine	T; TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Paldiski South Harbour	AS Green Marine	T; TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	other service providers (cost charged in addition to port dues): OÜ Ökoloog, AS Vaggen
	Saaremaa Harbour	AS Green Marine	T; TR; waste containers	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	
	Old City Marina	N/A	N/A	N/A	N/A	N/A	
BWM Convention Ballast water and Sediments	Old City Harbour	N/A	N/A	N/A	N/A	N/A	
	Muuga sadam	N/A	N/A	N/A	N/A	N/A	
	Paljassaare Harbour	AS Green Marine	TR	No restrictions or limitations	24 hours a day, 7 days per week;	Minimum prior notice required: 24 hours; Charging system: Cost charged in addition to other services;	Ballast water and sediments shall be received only from ships, on which ballast water tank repairs and cleaning is performed in the port.
	Paldiski South Harbour	N/A	N/A	N/A	N/A	N/A	
	Saaremaa Harbour	N/A	N/A	N/A	N/A	N/A	
	Old City Marina	N/A	N/A	N/A	N/A	N/A	