



NAANTALIN
SATAMA
PORT OF NAANTALI

SHIP WASTE MANAGEMENT PLAN

Table of contents

| | | |
|-----------|---|----------|
| 1. | Introduction | 3 |
| 2. | Summary of the legislation in force | 3 |
| 3. | Port overview | |
| 4. | Port of Naantali Waste Management | 4 |
| 4.1 | Waste stations | 4 |
| 4.2 | Waste reception and collection procedure | 4 |
| 4.3 | Waste management fee | 5 |
| 4.4 | Responsible parties for waste management | 6 |
| 5. | TYPES OF WASTE GENERATED AND THEIR COLLECTION | 7 |
| 5.1 | Waste generated in the port | 7 |
| 5.2 | Waste collected from ships | 7 |
| 5.2.1 | Solid ship waste | 7 |
| 5.2.2 | Special waste (food waste from international traffic) | 7 |
| 5.2.3 | Oil-based mixtures | 8 |
| 5.2.4 | Sanitary and toilet water | 8 |
| 5.2.5 | Other waste fractions | 8 |
| 5.3 | Amount of waste | 8 |
| 6. | Changes and development of waste management | 8 |

ATTACHMENTS

Appendix 1. Locations of the waste stations in the main port and Luonnonmaa harbours

1. Introduction

According to Chapter 9, Section 5 of the Maritime Environmental Protection Act, the port authority must draw up a waste management plan for the organisation of waste from ships, i.e. waste from ships.

This waste management plan has been available on the Port of Naantali Ltd's website from 1 December to 15 December 2022, during which time port users and other parties have had the opportunity to express their opinions on the waste management plan.

The waste management plan and instructions for waste management will be available on the port's website. www.portofnaantali.fi

2. Summary of the legislation in force

The following laws and decrees apply to the port's operations, environmental protection and waste management, among others:

General Regulations

- Waste law (646/2011)
- Environmental Protection Act (527/2014)
- Environmental Protection Decree (713/2014)

Port and ship waste management

- Maritime Environmental Protection Act (1672/2009)

International food waste

- Regulation (EC) No 1069/2009 of the European Parliament and of the Council laying down health rules for animal by-products and derived products not intended for human consumption and repealing Regulation (EC) No 1774/2002 (by-products regulation)
- Decree of the Ministry of Agriculture and Forestry on the Control of Operators Handling Certain Animal By-Products and Products Derived from Animals and the Use of Certain By-Products (1193/2011)

3. Port overview

The Port of Naantali is located about two kilometres southeast of the centre of Naantali. The Port of Naantali consists of three port sections: the Kantasatama harbour, the Luonnonmaa harbour section and Neste Corporation's Naantali Terminal (Figure 1). The port part of Luonnonmaa is located southwest of the Kantasatama harbour, on the other side of the Naantali Strait.

The harbour area forms a so-called "harbour area". ISPS area, which is fenced and monitored in various ways (guarding, cameras, camera readers, escort memories, etc.) around the clock. ISPS (International Ship and Port Facility Security Code) is an international security code for ships and port structures that aims to increase security on ships and in ports.

The Port of Naantali has a total of 15 berths. Of these berths, there are three ro-ro berths and six berths for handling liquid bulk cargo, three of which are in Neste Oy's Terminal, two in the Kantasatama harbour and one in the Luonnonmaa harbour section. The total length of the piers is about 1400 meters.

In 2024, there were a total of 1326 vessel calls at the Port of Naantali. Finnlines' and Rederi AB Lillgaard's vessels are exempt from the obligation to dispose of ship waste.

The port has valid environmental permit decisions (262/2017/1) and (213/2020) issued by the ELY Centre, as well as an environmental permit (305/2023) issued by the Regional State Administrative Agency for Southern Finland for a change in operations.

This waste management plan covers the vessel waste management of Port of Naantali Ltd's Kantasatama and Luonnonmaa harbour sections.



Image 1. Map of the port.

4. Port of Naantali Waste Management

In addition to the laws and decrees regulating the waste management of ships, the operations take into account the waste management regulations in accordance with the environmental permit. The Port of Naantali regulates the waste generated and processed in its area in the Port Ordinance and in the instructions distributed to vessels. The Port of Naantali is only responsible for the waste generated in its own operations and waste from ships. Companies operating in the port area take care of their own waste.

4.1 Waste stations

The location of the collection points located in the port area is shown on the map in Appendix 1. Both ship waste and waste generated in the port's own operations are collected at the waste stations. The markings and sorting instructions for waste types are presented at the waste stations in Finnish, English and Russian. No waste is processed or stored in the port area.

There are four waste stations in the Kantasatama area and two in the Luonnonmaa area. There is one hazardous waste collection container in the Kantasatama and one in the Luonnonmaa harbour area. The waste stations are in use around the clock.

4.2 Waste reception and collection procedure

Vessels must report their waste with a waste notification 24 hours before arriving at the port. The ship waste notification includes, among other things, information on the amount of oily wastewater and hazardous waste that the vessel plans to leave in the port. The vessel's agent orders reception equipment for oils and oily waters. The ships' personnel deliver their waste to waste collection points located in the port area in accordance with the port's waste management instructions. The advance notification of waste corresponds to the receipt for the delivery of waste. Upon separate request from the vessel, the port will provide a separate receipt for the waste left in the port.

The waste collection points in the quay area are emptied at least once a week or otherwise as necessary. Emptying and waste transport is handled by a waste management company. The port is in operation 24/7, so waste is generated around the clock.

If deficiencies are detected in the port's reception equipment, they can be reported by phone to the port supervisors (24/7) or the traffic manager.

A record is kept of the number of people received at the port, and the information is stored in the port's ERP system.

4.3 Waste management fee

All vessels that call at the port are subject to a waste management fee in accordance with the port's service price list. The waste fee is not charged from vessels in regular scheduled traffic that have a separate exemption from the ship waste fee.

Solid waste

The economic and other costs from the vessels waste must be sorted in accordance with the waste management instructions of the Port of Naantali. There is a separate container for each type of waste at the waste collection points.

The waste management fee will be charged from the cargo vessel €/net tonne as follows (price list 2024):

- Sorted waste €0.11
- Minimum payment €55.00

If the ship leaves unsorted waste in violation of regulations, €/net tonne is charged as follows:

- Unsorted waste €0.26
- Minimum payment €165.00

Oil waste fee, including grey and black wastewater reception fee

A waste management fee of €0.18 per net tonne is charged for oily waste from the engine room. For exceptionally large quantities of waste in relation to the vessel's normal use or traffic, the fee is charged according to the costs incurred. The costs of waste left in the port exceeding the separate storage space will be charged according to the actual costs.

The pumping capacity requirement for oily waste is 3 m³/h, after which the fee is charged according to the costs incurred. The oil waste fee includes the reception of grey and black wastewater. The minimum amount of fees charged for waste management is €110.00.

Hazardous waste

Hazardous waste is included in the ship waste fee for solid ship waste to the extent that the waste is formed from the normal operation of the vessel. The fee for hazardous waste generated by operations other than the normal operation of the vessel is charged in accordance with the costs incurred.

Hazardous waste containers must be properly labelled (contents, warning signs, etc.). A separate fee will be charged for the investigation of inadequately marked hazardous waste left in the port in accordance with the actual costs.

Other waste

Those carrying out stevedoring operations at the Port of Naantali are obligated to carry out the cleaning and removal of cargo residues caused by the goods they handle at their own expense. Cargo-related waste must be cleaned up within seven (7) days of the vessel's departure from the port, after which 10% will be charged on the basis of the handling costs incurred plus the port's overheads.

Reception of grey water and toilet water in regular ferry traffic

In regular ferry traffic, reception takes place by appointment.

Exemption from waste fee

Vessels that have been granted an exemption from the waste management fee granted by Traficom Transport and Communications Agency must take care of all their waste themselves. Such a vessel shall not deliver any waste to port collection points. If a vessel exempt from the waste management fee leaves waste using the port's service, the costs incurred from the service will be charged.

Discounts on ship waste fees

The Port of Naantali grants a 3% discount on the solid waste fee to vessels that

- operate in short sea shipping (less than 48 hours have passed since the ship's last port call when the ship arrives at the port)

OR

- the vessel has an approved ESI certificate with a score of more than 70 points (<http://www.environmentalshipindex.org/>)

The certificates required for the discount or similar grounds for the discount must be presented no later than 72 hours before the vessel's arrival at the port. When the certificates or similar discount criteria are valid for a fixed period, the recipient of the discount must ensure that the discount basis is up to date and that the Port is informed. The discount will not be granted retrospectively. The Port of Naantali reserves the right to change the criteria for granting the waste fee discount, the amount of the discount and other terms and conditions concerning the discounts on ship waste fees.

4.4 Responsible parties for waste management

Traffic Manager Jussi Lehtonen is responsible for the instructions for the vessels

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- e-mail: jussi.lehtonen@portofnaantali.fi

Technical Manager Juha Ketoniemi is responsible for ship waste, grey water and toilet water reception systems, and the implementation of the waste management plan

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5. TYPES OF WASTE GENERATED AND THEIR COLLECTION

5.1 Waste generated in the port

In the Port of Naantali area, waste generated in the port's own operations and waste from ships are collected.

The waste generated in the Port's own operations includes:

- Paper and cardboard
- glass
- metal
- tree
- plastic
- Biowaste
- Waste batteries and accumulators
- combustible waste
- sanding sand
- Mining Shacks
- Hazardous waste

5.2 Waste collected from ships

5.2.1 *Solid ship waste*

Solid waste generated from ships is collected at the sorting points of waste stations located in the port.

There are collection points for glass, metal, cardboard, cardboard, paper, wood waste and combustible waste. The port receives hazardous waste (e.g. oil filters, scrap batteries, fluorescent tubes, radiators, paints, etc.) caused by the normal operation of ships. Hazardous waste is collected in a separate lockable waste container.

With regard to conventional buoy waste (other than international food waste) received from ships, waste containers are delivered to ships on request, in which conventional biowaste produced by the ship is placed. Filled and sealed containers are delivered to the waste collection point next to the hazardous waste container to wait for pick-up. Pick-up is ordered as soon as the waste has been received.

5.2.2 *Special waste (food waste from international traffic)*

Includes food waste from ships arriving from outside the EU and other waste that has come into contact with food waste.

Special waste containers are delivered to the vessels upon request, in which all the special waste produced by the ship is placed. Filled and sealed containers are delivered to the waste collection point next to the hazardous waste container to wait for pick-up. Pick-up is ordered as soon as the special waste has been received.

5.2.3 *Oil-based mixtures*

An oil-based mixture refers to, among other things, oily bilge water and waste oil.

The Port of Naantali is obliged to receive oily mixtures for ship calls. The ship's agent must contact the company that has signed the transport contract with the port directly at least 24 hours before the need. Emptying is carried out during normal working hours. The signed consignment note must be submitted to the port's traffic department.

5.2.4 *Sanitary and toilet water*

The vessel's agent in need of toilet waste services must order the service in question. services through the on-call port service or be in direct contact with the company that has signed a transport contract with the port. Emptying is carried out during normal working hours. The signed consignment note must be submitted to the port's traffic department.

5.2.5 *Other verses*

The disposal of waste containing harmful liquid substances and other e.g. Tank and washing water reception services must be ordered separately by the vessel's agent. For these, the actual costs incurred will be charged.

5.3 **Amount of waste**

In 2024, a total of 394,3 tonnes of waste was generated and delivered to the Port of Naantali area for utilisation or final disposal, of which 169,9 tonnes was sludge from ships and 224,4 tonnes was other waste. The Port monitors the amount of waste generated in its operations annually, and the waste is delivered to reception facilities with the appropriate permit. The aim is to utilise waste in accordance with the order of priority. The Port reports the amount of waste generated annually to the Environmental Administration's YLVA system. A comparison of the total amount of waste from 2018 to 2024 is presented in Table 1.

Table 1. Waste volumes in 2018-2024.

| Year | Sludge (t) | Other waste(s) | Total(s) |
|-------------|-------------------|-----------------------|-----------------|
| 2018 | 85,3 | 47,6 | 134,9 |
| 2019 | 180,1 | 78,7 | 312,1 |
| 2020 | 293,4 | 91,1 | 420,7 |
| 2021 | 227,01 | 31,79 | 258,8 |
| 2022 | 208,7 | 179,3 | 388,0 |
| 2023 | 125,6 | 39,3 | 164,9 |
| 2024 | 169,9 | 224,4 | 394,3 |

6. **Changes and development of waste management**

Changes will be made to the waste collection points and the waste fractions to be collected as necessary, e.g. as the requirements of legislation change or the amount of waste increases.

The collection and transfer of waste from vessels to waste collection points will be developed through instructions and by ensuring the functionality, maintenance, marking and sufficiency of collection containers/waste stations at waste collection points.



Naantalin Satama Oy, jättesemat 18.3.2025