

## **WASTE DISPOSAL PLAN 2021 – 2026**

**Reception scheme for ship-generated waste and cargo waste**

**In accordance with Executive Order no. 1348 of 16. June 2021**

*Approved by the Danish Environmental Protection Agency, 6. October 2021*

## Indhold

|   |           |
|---|-----------|
| <b>1. Responsibility<sup>11</sup> for the waste disposal plan</b>         | <b>3</b>  |
| <b>2. Purpose and need for the reception scheme</b>                       | <b>3</b>  |
| <b>3. General rules</b>   | <b>4</b>  |
| <b>3.1 Statutory and regulatory framework</b>                             | <b>4</b>  |
| <b>3.2 Opening hours</b>  | <b>4</b>  |
| <b>3.3 Notification and notice</b>  | <b>4</b>  |
| <b>3.4 Quantities</b>   | <b>4</b>  |
| <b>3.5 Title</b>  | <b>5</b>  |
| <b>3.6 Responsibility and liability</b>                                   | <b>5</b>  |
| <b>4. Procedure for handling collected waste</b>                          | <b>5</b>  |
| <b>The Port Control Office (Maritime Department)</b>                      | <b>5</b>  |
| <b>Goods Yard (Materielgården) (Technical Department)</b>                 | <b>5</b>  |
| <b>5. Types of waste – ship-generated waste</b>                           | <b>6</b>  |
| <b>5.1 Oily liquid waste, oil filters and rags</b>                        | <b>6</b>  |
| <b>5.2 Ship-generated waste</b>   | <b>7</b>  |
| <b>5.3 Hazardous waste – harmful liquids</b>                              | <b>7</b>  |
| <b>5.4 Sewage:</b>  | <b>7</b>  |
| <b>5.5 Other hazardous waste</b>  | <b>7</b>  |
| <b>6. Reception facilities and disposal</b>                               | <b>8</b>  |
| <b>Oily liquid waste, oil filters and rags</b>                            | <b>8</b>  |
| <b>Ship-generated waste – refuse</b>                                      | <b>8</b>  |
| <b>Other hazardous waste</b>  | <b>9</b>  |
| <b>6 Fee scheme</b>   | <b>9</b>  |
| <b>7. Complaints procedure</b>  | <b>9</b>  |
| <b>Appendix 1 – Thyboron Port, general layout</b>                         | <b>10</b> |
| <b>Appendix 2 - Goods yard, general layout</b>                            | <b>11</b> |
| <b>Appendix 3 - List of approved carriers and waste handlers</b>          | <b>12</b> |
| <b>Appendix 4 -Complaints form</b>  | <b>13</b> |
| <b>Appendix 5 - Provisions for reception of ship-generated waste etc.</b> | <b>14</b> |

## Responsibility for the waste disposal plan

The Port of Thyboron's Board is responsible for drawing up the waste disposal plan, and the Port Administration and Port Control Office are responsible for maintenance and implementation of the plan.

Port owner:

Municipality of Lemvig, Rådhusgade 2, DK-7620 Lemvig,  
Tel.: +45 96 63 12 00, fax +45 9663 1134, email [lemvig@lemvig.dk](mailto:lemvig@lemvig.dk)

Port of Thyboron, Port Administration:

Tankskibsvej 4, DK-7680 Thyborøn,  
Tel.: +45 96 90 03 10, e-mail [adm@thyboronport.dk](mailto:adm@thyboronport.dk)

Port of Thyboron, Port Control Office:

Tankskibsvej 4, DK-7680 Thyborøn,  
Tel.: +45 20 20 61 86, e-mail [port@thyboronport.dk](mailto:port@thyboronport.dk)

### 1. Purpose and need for the reception scheme

The Port of Thyboron wants to contribute to the achievement of a positive environmental impact through sound management of ship-generated waste and cargo waste and thus contribute to reducing marine environment pollution.

The Port's 'Provisions for Reception of Ship-Generated Waste' are publicly available on the Port of Thyboron's website.

Both fishing vessels and other commercial vessels call at the Port daily, and the Port's reception scheme collects waste from the ships regardless of whether they call regularly at the Port or only arrive once.

The Port performs ongoing assessments and adjustments of the reception facilities for the various types of waste disposed of by ships to maintain adequate reception capacity.

An ongoing dialogue is conducted with the users of the Port, enterprises and other parties, and new waste disposal measures are implemented on a continuous basis.

Any reports of inadequate capacity from users of the Port will be processed on an ongoing basis to ensure adequate capacity.

Updating:

A detailed review of the overall waste disposal plan is performed every third year for any necessary revisions thereof.

## 2. General rules

### 3.1 Statutory and regulatory framework

The Port of Thyboron is both a significant fishing port and an important port of call, and the Port has established a reception scheme for waste from both fishing vessels and cargo ships in accordance with the applicable legislation.

Ships calling at the Port are obliged to dispose of waste before leaving the Port again, see the Danish Ministry of the Environment's Executive Order no. 1348 of 16. June 2021.

Pursuant to Part 1 of the current Executive Order on reception schemes for waste from ships and on ships' disposal of waste, all Danish ports must establish schemes for reception of ship-generated waste and cargo residues originating from vessels calling at the port.

The Port of Thyboron's Goods Yard ('Materielgården') has been approved for reception and sorting of collected ship-generated waste and shredding of fishing nets under an environmental licence issued by the County of Ringkøbing on 1 October 2002.

The following general rules must be complied with:

### 3.2 Opening hours

Waste must be disposed of within the Port's normal opening hours, Monday to Friday from 07:00 to 15:00, see the provision in section 5 on waste types – ship-generated waste.

Ships that solely call at the Port of Thyboron outside normal working hours can dispose of waste if it can be documented that it is not possible for these ships to dispose of waste during normal working hours. In such case, special conditions will be applicable, see provision in section 7 on the fee scheme.

### 3.3 Notification and notice

Prior to the ship calling at the Port, the shipmaster must notify the Port Control Office about the disposal of waste with a statement of the quantity and type of waste that the ship is expected to have on board and state what waste the ship expects to dispose of.

Notice of call and disposal of waste must generally be given at least 24 hours before the arrival of the ship. If this is not possible because the port of call is not known in time or because the duration of the voyage from another port is less than 24 hours, the notice of call and disposal of waste must be given as soon as possible before arrival at the Port.

The notification form is contained in the Danish Ministry of the Environment's Executive Order no. no. 1348 of 16. June 2021 (Appendix 1).

### 3.4 Quantities

Ship-generated waste can only be disposed of free of charge in accordance with the type and size of the ship and in relation to the ship's last port of call.

Separate payment will be charged for larger quantities of ship-generated waste and cargo residues.

### 3.5 Title

The title to ship-generated waste passes to the Port of Thyboron on acceptance of reception of the waste in an approved waste reception facility.

### 3.6 Responsibility and liability

The shipowner vouches for the correctness of all the shipmaster's information about the waste, its type, composition, quantities, and time of collection. The shipowner is responsible and liable for any damage caused as a result of the shipmaster's incorrect, misleading or incomplete information.

In accordance with the Danish Ministry of the Environment's Executive Order, ships which, for example, fail to dispose of waste under the provisions of the Executive Order or which fail to comply with the rules on notification will be punished by fine or by simple detention or imprisonment for a term of up to two years of the person(s) responsible.

## 4. Procedure for handling collected waste

- The Port's reception scheme is managed by

### **The Port Control Office (Maritime Department)**

Tankskibsvej 4, DK-7680 Thyborøn

Tel. +45 20 20 61 86      VHF channel 16/12

E-mail: [port@thyboronport.dk](mailto:port@thyboronport.dk)

The Port Control Office is manned 24 hours a day – 365 days a year.

The individual shipmaster is requested to obtain information about the Port's reception scheme by contacting the Port Control Office, where collection of waste, waste containers etc. can be ordered.

- The waste disposal is handled by the Port's Goods Yard:

### **Goods Yard (Materielgården) (Technical Department)**

Trawlvej 7, DK-7680 Thyborøn

which will set up containers for ship-generated waste and collect oily waste by road tanker during normal working hours (Monday to Friday 07:00 to 15:00).

In general, ship-generated waste is received from ships that call at the Port of Thyboron and pay port dues. Ship-generated waste is disposed of in containers or unloaded quayside. Containers are emptied and waste collected daily as needed.

Before calling the Port, the ships may order containers and oil drums from the Port Control Office, which will be placed at the quay at which they berth.

The waste is collected and brought to the Port's Goods Yard facility, where it will be sorted into different waste fractions. As much waste as possible is disposed of for recycling and reuse.

1-2 men are employed permanently to handle collection, pick-up and sorting of waste, especially from the quays where the ships dispose of their waste.

Fishing gear and steel wires constitute large quantities and are received separated from the rest of the waste. 'Problem waste' is delivered to an approved landfill or reception station.

Discarded containers and tanks (pressure etc.) are handled and disposed of with caution, and explosives and ammunition are reported to the Police, which will notify the Armed Forces' Sapper Corps. Various minor quantities of 'Problem waste' are handed in to designated recipients in accordance with regulations or municipal directions.

The Port of Thyboron does not have a marina. However, the Tourist and Business Council of Lemvig-Thyborøn leases a demarcated port area, Nordre Inderhavn, where yachtsmen can moor. The Tourist and Business Council has a separate waste disposal plan for the marina.

## 5. Types of waste – ship-generated waste

### 5.1 Oily liquid waste, oil filters and rags

Residues and mixtures of oils (oil sludge, used lubricant oil and oily mixtures from the engine room gutters and similar oil residues) as well as oil filters and rags used in normal operations.

**Quantities of less than 2,000 litres** are collected by the Port during normal working hours free of charge from ships that pay port dues if the waste has been unloaded quayside in sealed containers intended for waste disposal or deposited in a collection container or a road tanker at shipside. The ship must itself arrange pumping to road tanker or container.

In addition, it is possible to borrow/rent an 1000-l tank/container, which can be placed at the ship within normal working hours.

**Quantities in excess of 2,000 litres** are collected against payment to the Port or an enterprise approved for transport and reception of oily waste.

#### **An agreement on payment will be made in each individual case if:**

- The ship cannot itself pump the oil from the ship to a road tanker.
- The oil is contaminated.
- Overtime work is involved.
- The slop oil is poorly separated for water, i.e. the oil content is less than 60%.
- Extra working hours are used due to slow pumping onshore.

## 5.2 Ship-generated waste

Refuse from ships' ordinary day-to-day operations such as cardboard/paper, glass, metal, plastic, EE waste (electric and electronic products and equipment), as well as discarded fishing gear and wood (pallets and wire drums). Pressure tanks and containers (gas cylinders, powder extinguishers etc.), paint residues.

During ordinary working hours, general ship-generated waste is collected in the provided containers intended for ship-generated waste on the quays and bridges.

It is possible to borrow or rent a 1000-litre container, which can be placed on the quay at the ship during ordinary working hours.

## 5.3 Hazardous waste – harmful liquids

Residues and mixtures of liquids, including tank flushing water, cargo residues, contaminated ballast water and chemicals.

Waste of this type must normally be disposed of to the consignee/shipper. The Port of Thyboron does not have facilities for receiving waste of this type, but will, if necessary, refer the ship to a company approved for transport and as recipient.

The costs are to be settled directly between the ship or its agent and the carrier and recipient.

## 5.4 Sewage:

Sewage can be received at the Tankskibskaj and at the Limfjordskaj II quay, where connection branches have been established to the public sewer system.

Ships that pump the sewage on shore themselves and where the quantity does not exceed the maximum limit (normal operational quantities produced since the last port) are not charged anything. This applies to ships that pay port dues.

For larger quantities, the price per m<sup>3</sup> is in accordance with the Port's Price List. Sewage collection can be ordered via a local firm.

## 5.5 Other hazardous waste

Explosives deposited quayside will be reported to the police, who will cordon off the area and call in the emergency response team and a sapper unit.

## 6. Reception facilities and disposal

The Port of Thyboron's Goods Yard has been approved for reception and sorting of collected ship-generated waste and shredding of fishing nets under an environmental licence issued by the County of Ringkjøbing on 1 October 2002, the County's ref. no. 8-76-1-673-21-98.

The waste is sorted into different fractions, after which it is disposed of for recycling, to an approved waste reception enterprise or an approved, controlled landfill.

### **Oily liquid waste, oil filters and rags**

Waste oil is collected by road tanker or – for small quantities – by oil container placed shipside. Oil filters and rags are collected in containers.

At the Goods Yard, the oil is re-poured and collected in 6,000-litre containers in an oil house and 27,000-litre tank facility in a tank pit.

Spillage from the re-pouring of the oil is collected in a drip plate and poured into the tank facility.

The waste oil is sent for recycling through collection by an approved enterprise for reception and transport of waste oil.

Oil tins, oil filters and oil cloths are collected and stored in containers and sent for incineration. Oil barrels are sent for remelting

### **Ship-generated waste – refuse**

Cardboard/paper, glass, PVC and plastics are disposed of to an approved reception station.

Steel wires and metals are disposed of to scrap dealers.

EE waste (electric and electronic products and equipment) – fluorescent tubes etc. are disposed of to an approved reception station.

Discarded fishing gear is disposed of to an approved recipient, who collects this waste on an ongoing basis from the Port's Goods Yard.

Pressure tanks and containers (gas cylinders, powder extinguishers etc.) are stored securely in containers and disposed of to an approved reception station.

Paint residues etc. are disposed of to an approved reception station.

Other problem waste is disposed of to an approved landfill.



## **Other hazardous waste**

Explosives, including old ammunition:

If explosives, including old ammunition, are observed quayside or in the collected waste, this is reported to the Police, which will notify the Armed Forces' Sapper Corps for collection and handling of the explosives. The port area in question will be cordoned off according to the Sapper Corps' instructions.

## **6 Fee scheme**

The fee for disposal of all types of ship-generated waste is covered by the No-Special-Fee (NSF) principle, which means that all waste disposal costs as well as costs for establishment and management of the reception scheme are included in the Port's normal tariffs for port dues.

The collection/discharge of oil residues, sewage and other ship-generated waste from ships is generally free of charge, provided that

- The collection/discharge takes place during ordinary working hours
- The ship pays normal port dues
- The quantities involved correspond to the type and size of the ship and have been generated since the ship's last port call
- Notification of separate collection/discharge has been given as early as possible before arrival, see the above section 3.

In all other cases, separate payment is charged for the collection in accordance with the Port's price system.

## **7. Complaints procedure**

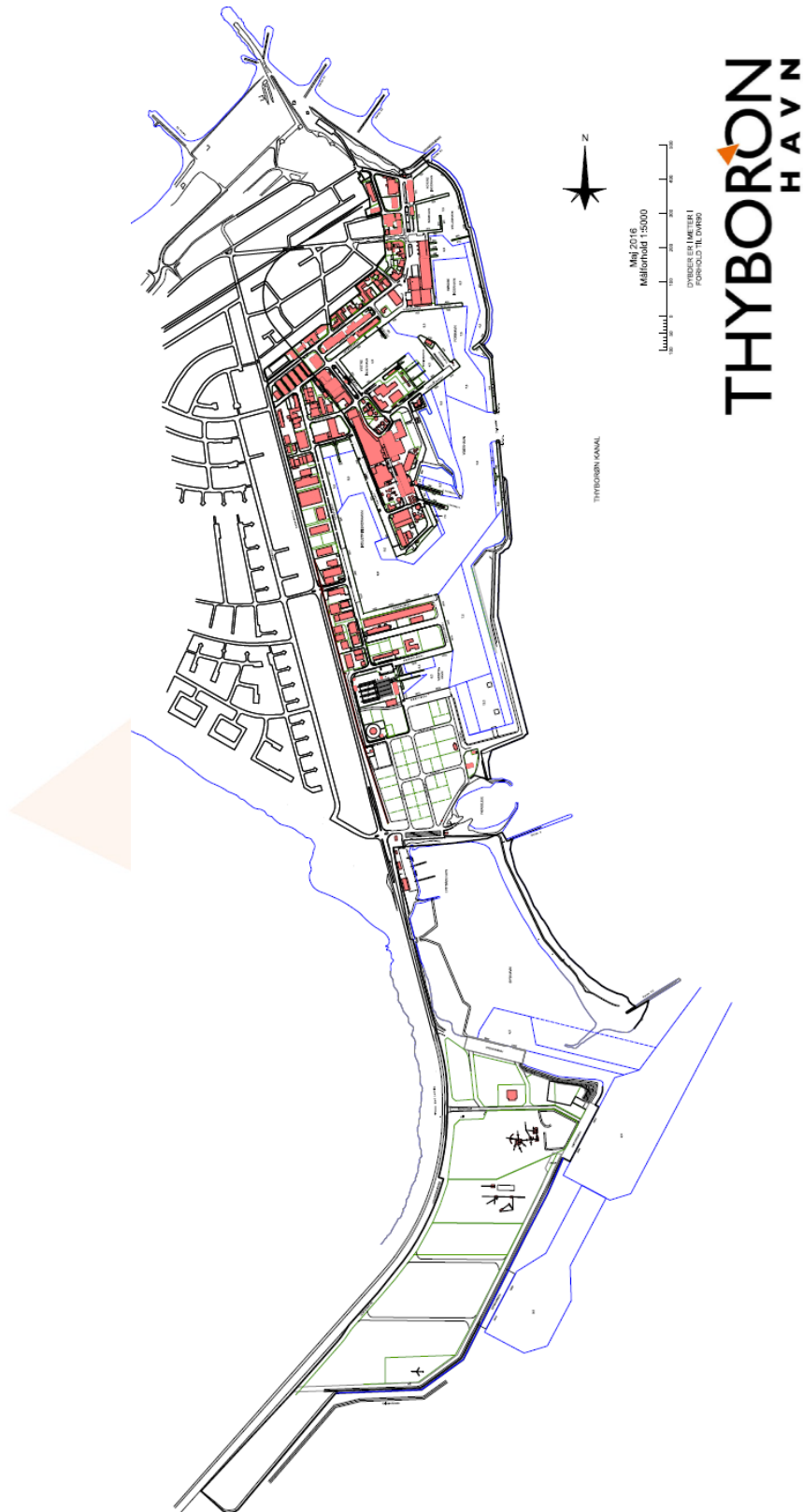
If a shipmaster or an agent finds that the Port's waste reception facilities are inadequate or deficient, a written complaint may be submitted.

A complaints form, which can be obtained from the Port Control Office, is addressed to the Port of Thyborøn's Board ('Thyborøn Havnebestyrelse'), which will send a copy of the complaint to the Danish Environmental Protection Agency.

## **8. Commencement**

This waste disposal plan 2021 - 2026 will be effective for five years from 11 July 2021 and replaces waste disposal plan 2018-2021, approved by the Danish Ministry of the Environment on 9 August 2018.

## Appendix 1 – Thyboron Port, general layout



## Appendix 2 - Goods yard, general layout



|   |  |   |  |
|---|--|---|--|
| Bygherre:<br>Thyborøn Havn<br>Talskibsvej 4<br>7680 Thyborøn  |  | Byggesjæts adresse: Trawlvej 7, Thyborøn      |  |
| Mål: 1:500  |  | Emne: Tænkgrav og maskinhus, Boliggenhedsplan |  |
| Date: 12-01-2021  |  | Rev:  |  |
| Talskibsvej 4, 7680 Thyborøn<br>Tlf: 96 90 03 10 Bil: 24 82 58 59<br>E-mail: cvr@thyboronport.dk<br>www.Thyboronport.dk |  |   |  |

## Appendix 3 - List of approved carriers and waste handlers

### Carriers

#### **Oil and chemical waste:**

Avista Oil, Endelavevej 10/12, DK-8700 Horsens, Tel. +45 75 61 42 00 /+45 59 56 56 44

Marius Pedersen, Sandagervej 40, DK-7400 Herning, Tel. +45 96 26 53 00

#### **Sewage:**

Municipality of Lemvig

#### **Scrap**

Henriks Produkt, Plutovej 20, DK-7620 Lemvig, Tel. +45 97 81 15 82

#### **Cargo residues**

Marius Pedersen, Sandagervej 40, DK-7400 Herning, Tel. +45 96 26 53 00

#### **Trawl nets and fishing nets**

Plastix A/S, Gammel Landevej 1, Rom, DK-7680 Thyborøn, Tel. +45 97 82 20 00

#### **Refuse and combustible waste:**

Lemvig Beton A/S, Fabriksvej 3, 7620 Lemvig, Tel. +45 97 82 05 11

### Waste handlers

#### **Oil and chemical waste:**

Avista Oil, Endelavevej 10/12, DK-8700 Horsens, Tel. +45 75 61 42 00

Marius Pedersen, Sandagervej 40, DK-7400 Herning, Tel. +45 96 26 53 00

#### **Sewage:**

Municipality of Lemvig

#### **Refuse and combustible waste:**

Lemvig Beton A/S, Fabriksvej 3, 7620 Lemvig Telefon: 97 82 05 11

#### **Scrap**

Henriks Produkt, Plutovej 20, DK-7620 Lemvig, Tel. +45 97 81 15 82

#### **Cargo residues**

Marius Pedersen, Sandagervej 40, DK-7400 Herning, Tel. +45 96 26 53 00

#### **Trawl nets and fishing nets**

Plastix A/S, Gammel Landevej 1, Rom, DK-7680 Thyborøn, Tel. +45 97 82 20 00

## Appendix 4 -Complaints form

To:

Thyboron Port

Tankskibsvej 4  
Postboks 35  
DK-7680 Thyborøn

Attn: The Port Board/Port Administration

|  |
|--|
| Complaint about inadequate waste reception facilities: |
| <br><br><br>   |

|                             |
|-----------------------------|
| Proposals for improvements: |
| <br><br><br>                |

|              |
|--------------|
| Any comments |
| <br><br><br> |

The ship's name: \_\_\_\_\_

Shipping company: \_\_\_\_\_

Shipmaster: \_\_\_\_\_

Date: \_\_\_\_\_

Yes, please contact me for further elaboration on the above – tel.: \_\_\_\_\_

or email address: \_\_\_\_\_

## Appendix 5 - Provisions for reception of ship-generated waste etc.

### 1. Purpose of the reception scheme

The Port of Thyboron's objective is to achieve a positive environmental impact through sound management of ship-generated waste and cargo waste and thus contribute to reducing marine environment pollution. Therefore, all ships are encouraged to dispose of all waste in the ports instead of discharging or dumping it into the sea.

### 2. General provisions

Reception of ship-generated waste etc. at the Port of Thyboron is governed by the provisions for reception of ship-generated waste in accordance with the Port's waste disposal plan, which is available at the Port Office.

For waste from private households and commercial enterprises, including commercial enterprises located in the port area, reference is made to the existing Waste Management Regulations for the Municipality of Lemvig.

Enterprises that repair fishing vessels and ships as well as fishing gear must themselves arrange and pay for disposal of ship-generated waste to a reception and processing facility approved by the authorities.

### 3. Administration

|   |  |
|---|--|
| <p><b>Administration:</b><br/> Tankskibsvej 4, 7680 Thyborøn<br/> Tel.: +45 9690 0310<br/> E-Mail: <a href="mailto:adm@thyboronport.dk">adm@thyboronport.dk</a><br/> Website: <a href="http://www.thyboronport.com">www.thyboronport.com</a><br/> Office hours: Monday – Thursday: 08.00 – 15.30<br/> Friday: 08.00– 15.00<br/> Closed on Saturday-, Sunday- and holidays</p> | <p><b>Port control office (Maritim afdeling)</b><br/> Tankskibsvej 4, 7680 Thyborøn<br/> Tel.: +45 2020 6186 (24 hours -365 days)<br/> E-Mail: <a href="mailto:port@thyboronport.dk">port@thyboronport.dk</a><br/> VHF-Channel 16/12</p> |
|---|--|

### 4. General rules for waste disposal

Waste disposal must take place within the Port's ordinary opening hours, Monday to Friday from 07:00 to 15:00.

Ships that solely call at the Port of Thyboron outside normal working hours can dispose of waste if it can be documented that it is not possible for these ships to dispose of waste during normal working hours. In such case, special conditions will be applicable to the fee scheme.

Prior to the ship calling at the Port, the shipmaster must notify the Port Control Office about the disposal of waste with a statement of the quantity and type of waste that the ship is expected to have on board and state what waste the ship expects to dispose of.

Notice of call and disposal of waste must generally be given at least 24 hours before the arrival of the ship. If this is not possible because the port of call is not known in time or because the duration of the voyage from another port is less than 24 hours, the notice of call and disposal of waste must be given as soon as possible before arrival at the Port.

The notification form is contained in the Danish Ministry of the Environment's Executive Order no. 415 of 10 May 2012 (Appendix 1).

Ship-generated waste can only be disposed of free of charge in accordance with the type and size of the ship and in relation to the ship's last port of call.

Separate payment will be charged for larger quantities of ship-generated waste and cargo residues. The shipmaster is recommended to obtain information about the Port of Thyboron's waste reception scheme by contacting the Port Control Office.

## **5. The Port's waste disposal**

The shipmaster is recommended to obtain information about the Port of Thyboron's waste reception scheme by contacting the Port Control Office.

The Port collects waste daily on the quays, including oily waste and other waste from fishing vessels and ships. Waste containers and sacks are emptied as needed.

The waste is collected in the Port's containers, from which it is transported to a controlled landfill.

Steel wires are collected in a separate container at the Port's Goods Yard.

The Port gathers oily waste, oil filters, oil packaging and other problem waste at the Goods Yard and disposes of the waste to the joint municipal reception station for oil and chemical waste.

## **6. Specific provisions for waste types:**

### **6.1 Mineral oil etc.**

#### **Below 2000 litres:**

Oil sludge, used lubricating oil and oily mixtures from the engine room gutters and similar oil residues of the engine room resulting from normal operation must be poured into sealed containers intended for waste disposal and be deposited quayside or delivered directly at the Port's Goods Yard, Trawlvej 7, during ordinary working hours.

In addition, it is possible to borrow/rent an 1000-l tank/container, which can be placed at the ship within normal working hours.

## **Above 2000 litres:**

Are collected by agreement with the Port Control Office against payment to an approved reception station.

Precautions must be taken to prevent oil spills at any given time.

## **6.2 Other ship-generated waste**

Ordinary ship-generated waste from fishing vessels and ships must be disposed of in the waste containers placed on the quays and bridges and marked "Thyborøn Havn - kun til skibsaffald" (Port of Thyborøn – for ship-generated waste only).

In addition, it is possible to borrow/rent a 1000-l tank/container, which can be placed at the ship within normal working hours.

## **6.3 Sewage:**

Sewage from fishing vessels and ships can be received with a sludge extractor.

## **6.4 Cargo residues**

Waste of this type must be disposed of to the consignee/shipper. The Port of Thyborøn does not have facilities for receiving waste of this type, but will, if necessary, refer the ship to a company approved for transport and as recipient.

## **7. Fee scheme**

The fee for disposal of all types of ship-generated waste is covered by the No-Special-Fee (NSF) principle, which means that all waste disposal costs as well as costs for establishment and management of the reception scheme are included in the Port's normal tariffs for port dues.

The collection/dischage of oil residues, sewage and other ship-generated waste from ships is generally free of charge, provided that

- The collection/dischage takes place during ordinary working hours
- The ship pays normal port dues
- The quantities involved correspond to the type and size of the ship and have been generated since the ship's last port call
- Notification of separate collection/dischage has been given as early as possible before arrival, see the above section 4.

In all other cases, separate payment is charged for the collection in accordance with the Port's price system.



## **8. Complaints procedure**

Inadequate capacity in the Port's waste disposal scheme can be reported by contacting the Port Control Office, which will provide a complaints form.

A written complaint is addressed to the Port of Thyboron's Board ('Thyborøn Havnebestyrelse'), which will forward the complaint to the Danish Environmental Protection Agency.

*Port of Thyboron, October 2021*