

## Permit for Tank Storage pursuant to the Svalbard Environmental Protection Act and the Regulations relating to Pollution and Waste in Svalbard

This permit is issued pursuant to section 57 first paragraph letter b of Act of 15 June 2001 No. 79 relating to the protection of the environment in Svalbard and section 3-4 second paragraph of the Regulations Relating to Pollution and Waste in Svalbard. The permit is granted based on information provided in the application dated 1.4.2026 and information obtained during the case processing. The conditions of the permit are set out on pages 1 to 3.

If the operator<sup>1</sup> wishes to make changes to the operation, raw materials or input factors that may affect pollution from the activity, and which are not in accordance with the basis on which the permit was granted or last amended, the operator shall apply for an amendment to the permit well in advance.

### Key information

Operator	Hornsund – Polish research station, tank storage
Postal address:	Ksiecica Janusza 64, PL-01-452 WARSAW
Organisation number:	2100.0085.01
Industry code and sector	71.122 - Geological surveys
Location	Polish Polar Station Hornsund
Geographical location:	UTM zone 33: 513754 east, 8547021 north

### References of the environmental authority

Permit number: 2026.0437.T	Facility number: 2100.0085.01	
Permit first issued: 29.05.2026	Permit last revised pursuant to section 63 second paragraph of the Svalbard Environmental Protection Act:	Permit last amended:
Torild Jørgensen Head of Environment Protection	Kathrine Helen Sundeng Senior adviser	

### Amendment log

Amendment number	Date of amendment	Clause and description of amendment

<sup>1</sup> For the purposes of this decision, the following definitions apply:

Activity: the polluting activity at a specific location.

Operator: the legal person who operates or exercises control over the operation of the activity.

## Scope of the permit

The permit covers the following tanks and associated systems:

Tank number	Capacity, m3	Location
1	25	Outdoor tank facility
2	25	
3	25	
4	25	
5	25	
6	5	Inside the station's generator room
7	0,25	
8	0,25	

## Environmental risk

- The party responsible for the storage shall prepare an environmental risk analysis for the storage of hazardous chemicals and activities associated with such storage.
- Acceptance criteria shall be established for what constitutes acceptable environmental risk, and both the probability and consequences for the environment shall be assessed and given due weight.
- The environmental risk identified in the risk analysis shall be evaluated against the established acceptance criteria.
- The environmental risk assessment shall form part of the undertaking's internal control system<sup>2</sup>, be evaluated at least once a year, and updated where necessary.

## General measures

- If the environmental risk analysis identifies a risk of incidents with very serious consequences, measures to reduce such risk shall be given special consideration.
- Trained personnel shall be present throughout the entire filling operation, and routines for maintenance and emergency preparedness shall be incorporated into the undertaking's internal control system<sup>2</sup>.

## Preventive measures

Irrespective of the measures resulting from the environmental risk assessment, the party responsible for the storage shall ensure that the following measures are implemented:

- *Design of the tank facility*

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<sup>2</sup> Chapter 11 of the Regulations on Pollution and Waste in Svalbard

The tank facility shall be suitable for its intended purpose so that the risk of pollution is minimized. This includes, inter alia, appropriate material selection, location, protective measures and dimensioning.

- *Barriers*

Barriers shall be based on an assessment of the environmental risk for the specific situation.

Tanks containing substances that are liquid under normal pressure and temperature shall be provided with an effective containment system with a minimum capacity equal to the tank volume and resistant to the relevant chemicals or hazardous waste. Bedrock or other natural ground conditions in the base or walls of a containment system shall not be considered effective without a technical, physical barrier capable of collecting potential releases. Where the containment system serves multiple tanks, its capacity shall be at least 110 % of the volume of the largest tank, and it shall also be capable of handling potential overfilling from vent pipes.

For new tanks or tanks that are relocated, the containment system shall encompass all external surfaces of the tank, including the tank base.

- *Technical condition and maintenance*

The tank facility and technical barriers shall at all times be maintained in a satisfactory condition to prevent pollution. Criteria shall be established for what constitutes a satisfactory technical condition.

To maintain a satisfactory technical condition, a preventive maintenance programme shall be established and implemented for equipment that may affect the risk of pollution.

- *Operating procedures*

Based on the environmental risk assessment, necessary routines and procedures shall be established and maintained to prevent pollution during normal operation and foreseeable variations in the operation of the tank facility. Compliance with these routines shall be ensured.

- *Storage inventory*

An up-to-date overview of tanks and their contents shall be established. The overview shall be readily available, including in emergency situations.

- *Prevention of unauthorized access*  
The tanks shall be secured to prevent unauthorized persons from causing pollution.

### **Emergency preparedness**

- Based on the environmental risk assessment and preventive measures, the party responsible for the storage shall prepare an analysis of emergency preparedness needs.
- Based on this analysis, an emergency response plan shall be prepared. The plan shall describe the preparedness arrangements, including organisation, response plans, personnel and their competence, training, and the type and quantity of response equipment. Emergency preparedness shall be tested at least once annually.

### **Documentation**

- The party responsible for the storage shall at all times be able to document compliance with the requirements of this permit.