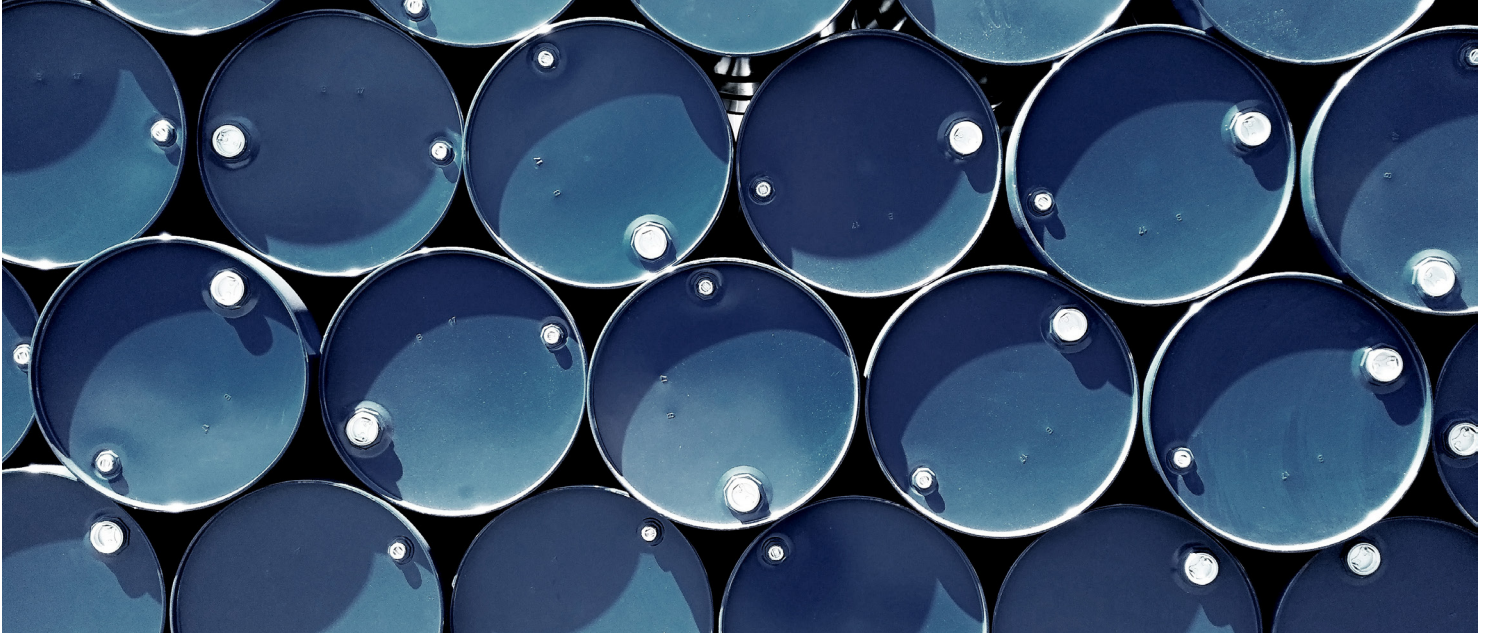


Port Waste Treatment

NW2E store and treats hazardous waste water and oily sludge received from various industries. Our treatment plant in Mekjarvik, outside Stavanger, is equipped with 4.500 m³ waste water storage tanks and 800 m³ of oily sludge.



Description

Our state of the art treatment processes consist of chemical/ physical, biological and activated charcoal processes.

NW2E are licensed to treat and discharge 55000 ton pr. year. The facility is licensed and certified to store and treat flammable fluids such as waste water contaminated with crude oil or condensate. Through our partners we can arrange for tank and tanker washings and transport by ship or road.

NW2E holds all the required licenses issued by the Norwegian Environmental Agency, the Directorate for Civil Protection and Emergency Planning (DSB) and the County Department of Environmental Affairs and complies with the IMO Guidance for Port Reception Facilities and MARPOL 73/78 conventions.

Key service features

- Approved for receiving oily fl using water
- Biological treatment
- Easy and direct access to the port jetty and the plant
- Deep water harbor (15m)
- Pipelines to tank farms with 8 hooks on quay
- Services for waste disposal, hazardous waste handling and gas testing
- Certified "A class" facilities for the treatment of 7025
- Crude Oil/Condensates and 7165 Process water/Wash water

NW2E Services

Wastewater treatment

The water is treated in a biological treatment plant, where bacteria ingest the hydrocarbons dissolved in the water. Air, heat and nutrients are feed into the bioreactor to establish the favorable environment for bacteria. Dead bacteria turn into sludge, which can be discarded.

Oily water treatment

This waste has Waste Substance Number 7030 and can be divided into different types:

- Oil emulsions, water slop (EWL 16 50 71)
- Oil emulsions (stable) (EWL 13 08 02)
- Oily waste (EWL 16 07 08)
- Tanker Bottom Water (EWL 13 04 00)
- Water slo (EWL 13 04 00)

This waste is not subject to ADR regulations.

Treatment of other hazardous waste

The hazardous waste regulation defines hazardous waste as "the waste that cannot be handled together with municipal waste, because it can cause serious pollution or risk of injury to people and animals".

Examples of hazardous waste: Chemicals, Paints, Varnishes and glues, Waste oil, Oilseed rags, filters etc., Aerosols, Pesticides, Packages with residual waste, Sealed double glazing with PCBs (1965 to 1975), Mercury Thermometers, Solvents as linseed oil, acetone, white-spirit, etc., WEEE, waste electrical and electronic equipment.

Treatment of water soluble solvents

NW2E handles also wastewater containing small amounts of methanol, ethanol, propanol and other water-soluble solvents. This type of waste is defined as organic solvents without halogen and Waste Substance Number 7042.

HSE

Safety is integrated into all operations and safety procedures regulate most activities. In the case of activities with a high risk of injury to personnel or to the environment a risk assessment is carried out, possible events are identified and preventive measures are taken. Risk analyses across the whole enterprise are regularly carried out. Annual audits are conducted to maintain the most suitable level of quality and environmental performance.

