

Wastewater Pumping Station Oslo

Application market	Wastewater
Market segment	Wastewater collection
Pumped medium	Raw, unscreened wastewater
Pump product	Bearing Frame
Country	Norway



Challenge

A reliable pump solution was demanded for the revision of the existing "Frognerparken" pumping station, situated deep in the rock in the west of the city of Oslo. The unscreened wastewater was to be fed to the city's main sewage treatment plant called VEAS via a 25 km long channel.

Solution

Installation of totally six Hidrostat Screw Centrifugal Bearing Frame Pumps.

Benefits

Using the Hidrostat Pumps with large free passage, the customer's requirements could be fulfilled satisfactorily and the challenging task could be solved reliably:

- Reliable and trouble-free operation thanks to the non-clogging pump

Quantity of units sold	6
Pump type	L12K-H03R + LLM1F-XM.K
Motor data	250 kW / 6 pole / 50 Hz / 400 V
Material combination	Cast iron pump body with stainless steel impeller and Hidrohard wear parts
Duty point	Flow: 870 litres per second / Head: 13 meters (maximum flow)
In operation since	2005