

# Water supply drillings in Ishøj

## Decommissioning of water supply drillings at Thorsbro Kildeplads

Per Aarsleff A/S has closed a total of 16 drinking water drillings at Thorsbro Kildeplads near Ishøj for the utility company HOFOR A/S. The drillings were decommissioned for various reasons, but the main reasons were general maintenance and operation of the water catchment.

Some of the drillings were not properly decommissioned, so it was necessary to carry out overdrilling to ensure a new decommissioning.

In addition, there were several water catchment wells and observation wells which had to be decommissioned as they were no longer in use.

### Decommissioning of drillings

The project involved decommissioning of 12 drillings by means of 25 inch overdrilling to full depth with subsequent backfilling with concrete and decommissioning of installation shafts. In addition, 4 drillings were closed by means of traditional decommissioning comprising backfilling with concrete and subsequent decommissioning of installation shafts.

The 16 drillings had difficult access conditions as they were placed in low-lying forest areas.

### Strict requirements to work involving drinking water

Often, strict requirements apply when working with drinking water drillings, and this was also the case for our work at Thorsbro Kildeplads as there were very strict and specific requirements to both the execution and the use of materials. It was also a requirement that all employees involved in the project were certified well drillers with a valid well drilling certificate and a hygiene certificate within food.



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#### Data

- Traditional decommissioning of 4 water wells
- Decommissioning of 12 water wells by 25 inch over-drilling

#### Client

HOFOR A/S

#### Contractor

Per Aarsleff A/S

#### Type of contract

Main contract

#### Consulting engineer

Rambøll Danmark A/S

#### Construction period

November 2016-January 2017

#### Contract value

DKK 3 million

Aarsleff Ground Engineering is one of Europe's leading piling contractors, and we undertake a wide variety of piling, drilling and foundation projects in Denmark and abroad. We have offices in Poland, Sweden, Germany and the UK.

Our fleet covers fully hydraulic piling and drilling rigs as well as cranes and vibrators.

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