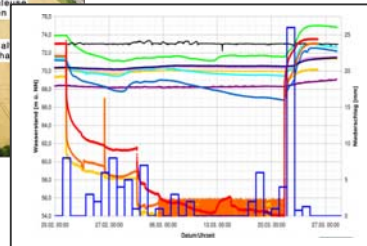


## Bolzum Lock



### Project description:

The canal branching off Mittellandkanal to Hildesheim is to be developed for modern navigation. To construct the new lock at Bolzum, it is required to dewater the joint rock aquifer. The complex subsoil situation characterized by salt tectonics makes high demands on hydrogeological investigation and confirmation of evidence.

### Services:

- Aquifer test and test lowering
- Establishment of a large-scale numeric groundwater model to forecast groundwater lowering by dewatering during construction

### Client benefit:

- Completion of all hydrogeological tasks out of one hand
- High acceptance by authorities involved

### Project name:

Construction of new Bolzum lock

### Country:

Germany

### Project location:

Sehnde-Bolzum, Lower Saxony

### Client:

Neubauamt für den Ausbau des Mittellandkanals  
Nikolaistrasse 14/16  
30159 Hannover

### Contact:

Mr. Wallheinke  
++49 511 9115 5516

### Purpose:

Hydrogeological licensing and confirmation of evidence procedure

### Contract volume:

160 000.- € approx.

### Project duration:

2006 - 2008

### Field of services:

Infrastructure planning - geohydraulics