



DR. SPANG

INGENIEURGESELLSCHAFT FÜR BAUWESEN, GEOLOGIE UND UMWELTTECHNIK MBH

## DEVELOPER

**Kondor Wessels West GmbH, Wuppertal**

## PROJECT

**Lakeside promenade, Essen-Kettwig**

- Erection of semi-detached, terraced and multi-occupancy houses with basements on the lakeside promenade in Essen -Kettwig, some with underground garage
- The land was previously occupied by industrial/commercial premises (Scheidt worsted and woollen spinning mill), which were completely demolished
- The advance demolition works revealed materials that need to be examined with regard to recyclability
- The subsoil conditions are so bad that extensive additional measures for the foundation are required (deep soil replacement, pile foundations)
- As the water level in the subsoil is higher than the foundation base, water retention is also required

## OUR SERVICES

- Subsoil report and expert support
- Declaration analysis and environmental coordination
- Preparation of schedules of work for civil engineering (inc. pile foundation, water retention)
- Technical inspection of the quotes and sheeting statics
- Specialist construction supervision
- Supervision of works
- Water right application

