



Groundwater monitoring in a chemical industry

Client: Consulting company

Service employed: Environmental monitoring expert

Duration: 2016 - 2018

The aim of this assignment was the annual groundwater monitoring in a chemical industry during the period 2016-2018. This plant is adjacent to a contaminated industrial site where contaminants such as chlorinated solvents and petroleum hydrocarbons were released by accident a few years ago. Since then groundwater sampling is carried out to monitor natural attenuation processes using dedicated groundwater monitoring wells. This assignment comprises two sampling campaigns, during which we were appointed as environmental monitoring experts.



A tailored made groundwater sampling protocol was determined according to the clients' needs as well as a health and safety plan. Groundwater sampling were carried out by the low-flow sampling method (ASTM) and dedicated pre-preserved containers were used for each contaminant group. The samples were packed in coolers and shipped overnight to the laboratory. As soon as the analyses data were available, the conceptual site model was developed.

