

Ground water monitoring on the site of the business premises of the former pulp mill Pirna

C&E · Consulting und Engineering GmbH



D-09117 Chemnitz • Jagdschänkenstraße 52
 Tel.: +49 (0) 371 881 4228 • Fax: +49 (0) 371 881 4311
 E-mail: info@cue-chemnitz.de
 Internet: www.cue-chemnitz.de

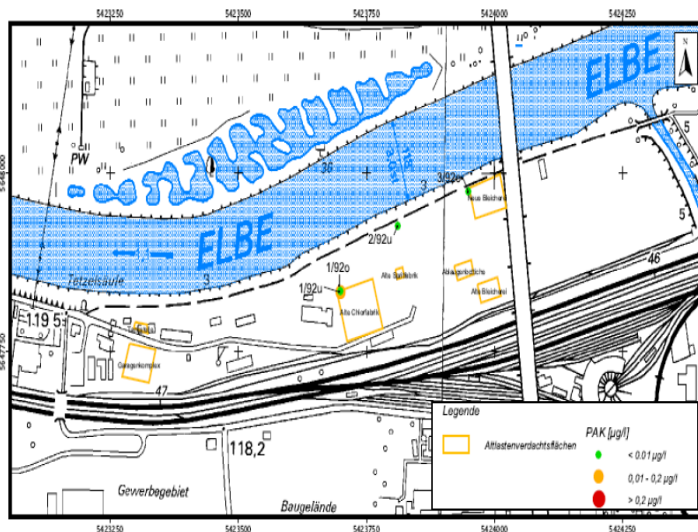
Project Objective: There are several investigation results for the site „former pulp mill Pirna“. Following the results of the risk assessment it was recommended to continue the ground water supervision in form of a ground water monitoring on the existing measuring points once a year. This is necessary to evaluate the development of the pollutant discharge. The activities included the field works, analytics and engineering services.

Location: Pirna
Client: Tamara Grafe Beton GmbH
Beneficiary: Tamara Grafe Beton GmbH
Year: 2009
Budget: 10.000 €



Initial situation:

Within the detailed investigation on the site „former pulp mill Pirna“ in the year 2007 a ground water monitoring was recommended. The objective of this measure is to evaluate the development of the pollutant discharge. The business premises is registered at the association for controlling of contaminated sites under the number 5438. At the site there are several spots of contamination resulting from the use of the site during the past 100 years. The main contaminants are arsenic, mercuric, sulphate, chloride and polycyclic aromatic hydrocarbons (PAH). Sensible receptors are human and surface water (river Elbe).



Services provided:

- Ground and surface water fixed data measurements
- Analytics on the specific wide range of pollutants
- Report assessment and graphic representation
- Development of ground water contours
- Development of a program for further supervision