

Remediation of contaminated site of former leather factory

Lederwerke C. Heyl AG, Werk Speryerbenn I, Worms, Germany



NUMBERS AND FACTS

History:

- 1834 – 1910 Tanning by plant substances
- 1910 – 1960 Tanning by chromium
- 1963 End of leather production
- 1963 – 1995 Different user
- 09/04 – 03/05 Preliminary investigations
- 05/05 – 09/06 Demolition and Reclamation

Data regarding site and buildings

- Total surface: 93.000 m²
- Number of buildings: 42 (space enclosed: 230.000 m³)
- Number of caves: 25 (space enclosed: 20.000 m³)
- Number of wells / cisterns: 16

Contamination of soil and buildings

- Heavy metals
- Chromates
- Hydrocarbons

Tasks of ICP

- Investigations for contaminations
- Demolishing concept
- Tender
- Supervision of operations on site

Reclamation methods

- Excavation of contaminated soils
- Separation of contaminated and non-contaminated parts of buildings

Quantities of excavated / disposed material

- Total amount of construction debris: 20 000 tons
- Debris to be disposed: 50 000 tons
- Rubbish / soil to be reused on site: 300 000 tons
- Soil movements (total): 250 000 m³

Your contact:

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