

Project Information: **Clean-Up Controlling**



Your contact person: Mr. Michael H. Appel, Senior Geologist

We perform remediation design, create the service specifications and call for bids. We survey and control the clean-up work and document it.

Project Examples:

Tank-Pull-Out In Former German Border Patrol Barracks, Coburg, 2002

Customer: German State Authorities, Bamberg

Surveying the pull-out of 9 underground tank storages and the demolition of gas stations including a helicopter filling station.



Special Feature:

During the pull-out of two 80.000 l / 21.140 gallons tanks, an oil-spill was detected contaminating soil and groundwater.

Additional investigations were performed: installing of 6 groundwater wells by drilling, sample-taking and chemical analyses. After completion the clean-up, still a monitoring program runs.



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Oil Spill Clean-Up Controlling, German Army Barracks, 2002 / 2003

Customer: German State Authorities, Bamberg

We performed test borings to encircle the contamination.

We created the service specifications including water treatment and called for bids.

The excavation of 500 tons of contaminated soil and the refilling were surveyed.

A monitoring program is still running.



Oil Spill Clean-Up Controlling, US Army Barracks, 2004

USFE / Customer: German State Authorities, Würzburg

We encircled the contamination by test pits. Additional 5 groundwater wells were installed.

Soil and groundwater were tested, the chemical composition of the oil substances were identified.

About 3.000 tons of contaminated soil were excavated.

With the refilling, also geo-technical aspects had to be obeyed because a new building should be founded on this site.



Drilling rig on a track vehicle



Excavating the contaminated soil



Cleaned-up excavation pit



Refilling with compactable nutrients

Soil And Groundwater Clean-Up On An Former Industrial Premise, 2004

Customer: Bank

In this case, special technics had to be applied:

Suction Defueling



Drawing oily water by pump



Applying a mobile oil separator



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