

# Accelerated Remediation for Liability Transfer Deal, Kanton Aargau Case Study



## LOCATION

Kanton Aargau,  
Switzerland

## CLIENT

Confidential

## WSP KEY CONTACTS

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## SUMMARY OF OUR DELIVERY:

This is a combined project being delivered by WSP teams in the Reston, Edinburgh, Milan and Frankfurt offices. It involves the environmental remediation of a chemical plant using a variety of remedial techniques, soil and groundwater analysis and monitoring, as well as consultation with regulatory bodies. This is part of an ongoing project due for completion early 2010.

## OBJECTIVE

The Client purchased the site in 2006 and wanted to accelerate the remediation required to make the property suitable for redevelopment. The site has hosted chemical production for circa 70 years with operations ending in 1991. As such previous investigations indicated that the site was contaminated with (TEX) compounds and chlorinated aliphatic hydrocarbons amongst other less significant contaminants.

WSP was commissioned by the client to deliver accelerated site remediation for a liability transfer deal, an opportunity recognised by our US Liability Transfer team.

The main objective is to minimise the risk of soil and groundwater contamination on site creating future liabilities. This will be achieved by introducing a variety of remediation techniques to the site with the aim of creating a redmediated site suitable for redevelopment.

The program of works and laboratory analysis was aligned with the competent regulatory body to ensure compliance with legal requirements.

## ACTION

The following services have/are being delivered:

- Chemical oxidation through application of sodium permanganate to treat affected groundwater
- Groundwater monitoring to determine the efficiency of oxidant applications
- Treatment of soil contamination through application of sodium permanganate to the unsaturated zone
- Treatment of shallow soil contamination through excavation and offsite disposal
- Validation monitoring and sampling required for the regulators
- Long term groundwater monitoring and sampling to ensure ongoing compliance
- Supervision of excavation works and installation of infiltration gallery within the unsaturated zone
- Supervision of groundwater monitoring well installation
- Consultation with regulatory bodies to ensure compliance with legal requirements

## PROPOSED OUTCOME

To support the client prior to the redevelopment stage by accelerating the remediation processes on site.