

## Former Insecticide Production Site, Lindane, France

Confidential

Service area	Contract value	Project duration
Environmental Consulting, Toxicological Risk Assessment	€697,000	2012 - 2014



### Project description:

A former insecticide (Lindane) production site was bought by a pharmaceutical industry client. In the context of a new site development project a complete site remediation was started in 2012.

Site contaminations consist principally of different isomers of Hexachlorocyclohexane (alpha-, beta-, gamma-, etc.), Chlorobenzenes (Mono-, Di-, Tri-, tetra-, etc.), Chlorophenols and Dioxins (PCDD/F).

### Further project data:

- Production starting in 1948 to 1974, after use for a chemical industry waste water treatment plant
- In 2011 – 2012 realization of site investigations and in 2012 – 2014 performing of different TERQ (Toxicological Exposure Risk Quantifications) by HPC (cf. Project Description)
- The TERQ reports were approved by the authorities (Industrial Inspectors, Health Authorities, the Industry and third party Experts)

### Our services:

- Realization of different TERQ & HRA: Health Risk Assessments for definition of SS-RG: Site Specific Remediation Goals and limit values for the existing pollutant cocktail and different sensitive site use scenarios → Soil, Air, Dust, Water, etc.
- In total three different TERQ and SS-RG Controlling missions were realized between March 2012 and October 2014

### Client benefits:

- The TERQ reports were validated by the authorities and cleared remediation goals ensuring no future non-acceptable risks ensured legal & financial budget safety

