



## CAREER SUMMARY

Mark Harris is a Principal Consultant in civil engineering based in the Republic of Ireland with 20 years experience developing solutions for ground engineering and geoenvironmental projects working for industrial manufacturers and property developers. He specializes in the regeneration of contaminated land and brownfield sites by implementing decommissioning, decontamination, demolition and corrective action programmes. Mr. Harris has managed and provided technical direction on a wide range of contaminated land and brownfield regeneration projects at locations across the UK. Key client sectors Mr. Harris has provided consultancy support to have included the oil, chemical, pharmaceutical, large-scale manufacturing and power generation industries, as well as industrial and residential developers.

Among his recent efforts involving remedial design, Mr. Harris managed the feasibility study and design of the capping of an industrial waste landfill in Northern England. The solution incorporated a geosynthetic cap and surface water collection via an attenuation pond. It required a large scale engineering project to reduce the slopes of perimeter aspects of the landfill which had previously been capped, followed by surface stabilization and restorative planting. A groundwater/leachate collection system has been designed to address off-site migration of contamination from the landfill.

Additionally, Mr. Harris works with industrial site owners preparing premises for redevelopment. He has served as project manager for the decommissioning, decontamination, and demolition of a series of chemical production facilities in the UK and elsewhere in Europe. He has directed pre-demolition surveys to classify demolition waste including Type 3 asbestos surveys and building fabric sampling.

## Specialties:

- Site Investigation and Remediation
- Waste Containment Facility Planning and Design
- Environmental Management and Assessment and Systems

## Education:

BEng. (Hons.), Civil Engineering, Queensland Institute of Technology, Brisbane, Australia, 1987

## Professional Registration

Chartered Engineer, Member of the Institution of Civil Engineers

Chartered Environmentalist, Member of the Society of Environmentalists