

Chris Rice

Senior Consultant, Contaminated Site Management



Chris Rice is a Senior Consultant in ERM's Contaminated Site Management team and is based in Manchester.

Chris has 15 years of experience in Major Group environmental consultancy departments. His experience has been in project management and consultancy for a wide range of internal and external clients concentrating on site investigation, risk assessment, audit, environmental assessment in the areas of contaminated land and buildings, hazardous materials, environmental management and occupational hygiene. He has also undertaken numerous site audits within the UK and Europe.

Chris' principal role within ERM is to undertake phase I assessments of land and facilities and advise clients on associated EH&S issues, concentrating on potential decommissioning, decontamination and demolition (DD&D) aspects. Many such assessments are associated with mergers, acquisitions and divestitures. In a consultant role he advises clients on the appropriate extent and focus of investigations and can provide technical support during negotiation and the development of mitigation plans. Chris is also frequently involved in M&A audit works undertaking site audits and data reviews relating to environmental and key health and safety compliance issues. He has responsibility for ensuring that client's needs are met and the high quality outputs are provided on time and within budget.

Professional Affiliations & Registrations

- British Institute of Occupational Hygienists (BIOH)
- Member of Institution of Environmental Science (IES)

Fields of Competence

- Due diligence auditing
- Decommissioning, decontamination and demolition
- Asbestos issues
- Site investigation and remediation
- Occupational Hygiene

Education

- MSc. Environmental Analysis and Dynamics University of Hull.
- BSc. (Hons) Environmental and Resource Geology University of Manchester.

Languages

- English, native speaker

Key Industry Sectors

- Property
- Construction
- Manufacturing
- Financial
- Chemical
- Pharmaceutical

Key Projects

Project Buttermere, May 2014.

Environmental due diligence for the acquisition of two chemical plants located in the UK. Co Project Manager for ERM. Confidential Client.

Confidential Project December 2012 - January 2013.

Completion of a capping project on a 2.5 hectare hazardous waste lagoon. Project Manager for ERM acting as Principal Contractor. Confidential Client.

Project Oak 2, September 2012

Environmental due diligence for the acquisition of an electronics manufacturing facility, approximately 0.5 hectares in extent and located in the Galway, Ireland. Confidential Client.

Project Shakespeare, July 2012

Environmental and key health and safety due diligence assessments for numerous Sites associated with the potential acquisition of a readu-mix cement mixing business. Confidential Client.

Project Elements, June 2012.

Environmental due diligence assessment for the vendor of a 5.9 hectare facility used to undertake the testing and development of automotive parts. Confidential Client.

Confidential Project February to May 2012.

Management and supervision of contractors undertaking the removal of eighteen underground storage tanks. Included the appointment of a structural consultancy due to proximity of the tanks to site buildings and the depth of the excavation required. Project Manager for ERM. Confidential Client.

Project MAC, August 2011- May 2012.

Verification of asbestos management surveys following 13 phases of abatement works to update site survey documentation for purposes of collateral warranty. Confidential Client. Project Manager.

IPPC Permit Surrender, 2011.

Completion of a Site Closure Plan following closure of a ready meals manufacturing facility to satisfy requirements of the PPC permit surrender. Confidential Client. Project Manager.

Financial group client, 2010-11.

Advice, site chemical inventory assessment, COMAH and hazardous substance consent applications for ex-chemicals site requiring decontamination, dismantling and demolition prior to remediation and redevelopment.

Project Orb, December 2010- 2011.

Environmental, health and safety due diligence assessments for three manufacturing / assembly facilities located in the UK, South Africa and Australia. Project Manager ensuring

report completion and client communications. Confidential client, energy sector.

Project Bidford, May 2010.

Vendor due diligence including environmental and key health and safety for a small (0.5 Ha) facility manufacturing instruments for medical surgery. Confidential client.

Project Crown Pre-Acquisition Due Diligence, 2010.

Phase I due diligence prior to acquisition of eight motorway service area sites. Works involved desk studies and site visits to evaluate current and past activities and to establish known or potential sources of soil, groundwater and/or surface water contamination. Confidential Client. Project Manager.

Project Gazelle, 2010.

Environmental, health and safety due diligence assessments of three manufacturing / assembly facilities located in the USA, India and China. Project Manager ensuring report completion and client communications. Confidential client, oil and gas sector.

Project Lorica, 2009.

Phase I Environmental Assessment of site in Teeside undertaking coating of large scale metal piping for the petrochemical industry. Site Auditor. Confidential Client.

Cisco Systems, UK. Secondment for five months, 2009.

UK health and safety representative dealing with ongoing compliance issues and assisting in the implementation of ongoing health and safety strategy.

London 2012 Olympics, Asbestos in Soil Reviews. 2008.

Peer review of third party asbestos in soils reports in relation to ongoing construction works. Confidential Client. Project Consultant.

South Hook LNG Terminal Company Ltd, Pembrokeshire. 2008.

Drafting of maintenance procedures including health and safety provisions and liaising with site engineers. Prior to operation of LNG plant. Project Consultant.

Dresser UK Ltd, Huddersfield, West Yorks, 2007- 2008.

Demolition of a former industrial manufacturing site. Managed tender process and subsequent demolition project under Construction Design and Management regulations and HSE and local authority liaisons. Project Manager.

Pre-lease due diligence, 2007.

ERM undertook near surface soil sampling in external areas and swab sampling in the internal areas of the warehouse to determine the presence of any residual metal contamination from previous use of the warehouse.

Project Beagle, Pre-divestment due diligence of 48 petrol stations, 2007.

The project included desk based reviews of landmark and existing Phase I and II reports for the sites and completion of a questionnaire by the site to determine age and condition of underground storage tanks. Project Manager.

Pre-Acquisition Due Diligence, 2007.

Phase I due diligence prior to acquisition by Hertz of a franchisee comprising 16 sites. Works involved desk studies and site visits to evaluate current and past activities at the site to establish known or potential sources of soil, groundwater and/or surface water contamination. Project Manager.

IPPC Permit Surrender, Wrexham, 2007.

Completion of a contamination assessment and Site Closure Plan following closure of a battery manufacturing facility which used a zinc-mercury powder. Included liaisons with the Environment Agency to satisfy requirements of the permit surrender. Project Manager.

Project Pantheon, 2006.

Phase I and asbestos pre-acquisition due diligence at fourteen industrial sites located in the east of England. Project Manager.

Project Scaffold, 2006.

Phase I and Phase II due diligence on 19 sites formerly associated with the construction of the channel tunnel rail link. Co-ordinating site investigation team and office-based report completion for the provision of information designed to assist the divestiture of the sites. Project Manager.

Project Mango, 2006.

Pre-acquisition data review of asbestos survey information for property portfolio in the north west. Assessment of potential costs associated with the ongoing management of asbestos containing materials and costs associated with redevelopment.

Phase I Environmental Studies & Asbestos Surveys (Type 2) of potential property acquisitions by international car rental company, UK wide properties February 2006. Works undertaken to tight deadline and contracted to ERM based on previous successful delivery. Project Manager.

Witness Statement, October 2005. Burgess Salmon LLP.

Provision of a witness statement to assist a claimant in a trial following completion of a site investigation undertaken in July 2002 which identified asbestos contaminated ground. Case against another consultancy who previously undertook a site investigation that did not identify asbestos contamination.

Asbestos Surveys (Type 2) of Property Portfolio, UK Wide, 2005.

Provision of asbestos registers to MDHS 100 for the purposes of ongoing management and legislative compliance. ERM undertook worldwide site works. Project Manager.

Pesticide Contamination Assessment, UK, 2005.

Assessment of pesticide contamination to building fabric surfaces in a large distribution warehouse. Determination of clean-up criteria and subsequent supervision of decontamination works undertaken by contractors. Project Consultant.

Phase II Asbestos Site Investigation, Newport, UK, 2005, Uskmouth Power Plant Ltd.

Asbestos site investigation of four former waste disposal areas surrounding an operational power station to assess potential cost liabilities following site acquisition and the implications for future development of contaminated areas identified. Project Manager.

Phase I and II Site Investigation of Former Gas Works, UK, Prestigious Living, 2004.

Assessment of soil and groundwater contamination on the site of a former gasworks. Provision of interpretative report detailing residential development requirements as a consequence of localized contamination.

Due Diligence, UK, 2004.

Audit of landlord's report reviewing costs for ongoing management of asbestos containing materials at a large distribution depot. Project Manager.

Hazardous Materials Surveys, UK, 2004.

Project Management of hazardous materials surveys undertaken by sub-contractors leading to the implementation of management systems at sites across the UK. Project Manager.

Remediation Groundworks, UK, Shell Oils Ltd January 2003 - September 2004.

Contractor supervision during the remediation of asbestos and hydrocarbon impacted soils at a former oil refinery. Project Consultant.

Due Diligence (Client Confidential) Germany, July 2002

To assess potential liabilities associated with asbestos containing materials as part of a multi-disciplinary assessment prior to the acquisition of a large property portfolio. Project Consultant.

Site Investigation, UK Prologis Developments Ltd, April 2002.

Site works to assess ground for asbestos contamination underlying proposed development on a former factory site for insurance purposes. Project Manager.

Building Contamination Investigation, Yule Catto and Company, UK, April 2001.

Investigation of 32 hectare chemical plant determining extent of contamination to building fabric and advising on potential

cost savings for demolition in respect of Special Waste Regulations.

May 2000 Trillium Asset Management.

Desk study utilising costings model to estimate potential financial liabilities associated with the presence of asbestos materials pertaining to a nationwide property portfolio.