

Name: Richard Andrew Failey
E-mail: richard @awakenconsulting.com

Qualifications:

Chartered Environmentalist (CEnv.)
Environmental Science BSc (Hons)
EMS ISO14001 Lead Assessor
Approved EMAS Verifier
Quality Management Systems Assessor
BOSIET trained & current.
SGS Certified Trainer
Qualified First Aider

Relevant experience

Richard joined Awaken Consulting Limited as an Associate after a brief period with Amec Earth & Environmental. He was formerly responsible for the provision of all environmental services of Casella International. He is a specialist in pollution with particular experience of environmental management and contaminated land investigation and remediation.

Relevant project experience includes:

- Environmental Due diligence assessment of two oil refineries, an oil port terminal, depots, and associated laboratories in Albania.
- Environmental audit and baseline studies of installations for Nigerian National Petroleum Corporation.
- Chapters on hazardous waste management for Guideline Manual for the Petrochemical Industry, Thailand Government.
- Investigation, assessment and remediation recommendations on approximately 200 contaminated sites arising from a variety of industries (including the former Burma Oil refinery & petrochem plant, Merseyside).
- Research contract related to a proposed EC Directive on Major Accident Hazard Pipelines for the Department of the Environment, Transport and the Regions.
- Environmental and health and safety Compliance Audit (with EU & UK regulations) for wind turbine manufacturing on behalf of Vestas (Denmark).
- Site audits & evaluation of long term and short term risks associated with the Usinsk oil pipeline disaster on behalf of EBRD.
- International project on the Benchmarking of Environmental Performance of a number of large multinational corporations - Dupont, Powergen, BP and Bristol Myers Squibb.
- EIA for Lamby Way Landfill for Cardiff City Council
- EIA for the reclamation of former chemical works, Pontedawe, Wales.

Richard has been providing a broad range of HSSE support services to the global wells function of one of the world's oil majors, including the setting up and reporting of weekly, and monthly HSE statistics.

Industry Experience

Oil and gas exploration, mining, civils & construction, waste management, iron & steel, coal & coking, manufacturing, water & waste water.

Project Experience (HSE) E Management

- ❑ Implementation of HSSE Management systems in to global drilling activities, Shell International Exploration & Production B.V.
- ❑ Revision of HSE cases to align with EP2005-0310 and revise a web based structure for HSSE MS for Shell Gabon.
- ❑ Assistance in the revision of HEMP 95-0300 to the new standard EP2005-0300, including the generation of a guideline document in the implementation of the new specification for hazard inventory.
- ❑ Facilitation of workshop on the re-calibration of internal lead auditors & review of EP2005-180, Shell EP Auditing Standard.
- ❑ Revision of the Sakhalin Energy Investment Company Corporate HSE management system in line with the new Shell E&P business model framework.
- ❑ Work in the revision of Shell EP2005 series of HSSE standards and procedures, Rijswijk.
- ❑ Auditor for ISO14001 re-certification of a car manufacturing plant, Merseyside, UK on behalf of AQRS Certification.
- ❑ HSSE audit in conjunction with Bureau Veritas of the construction site of the South Hook LNG plant, Milford Haven on behalf of CB&I.
- ❑ Environmental and health and safety Compliance Audit for wind turbine manufacturing operations based in UK on behalf of Vestas (UK.) Ltd.
- ❑ Production of HSSE Framework and documented management system on behalf of Shell Caspian Pearls Joint Venture in conjunction with Awaken Consulting Ltd.
- ❑ Production of Corporate HSSE Plan 2006 on behalf of Sakhalin Energy Investment Company
- ❑ Environmental audit and preliminary environmental review of a large coal fired power station, Kazakstan - Powergen
- ❑ Environmental energy and recycling audit & survey for the US Air Force at RAF Lakenheath.
- ❑ Call-off contract for implementation of HSE MS and ISO 14001 for Shell Operating Companies based in Nigeria.
- ❑ Advisory and supporting role to Shell Production District Team - Alakiri, Cawthorne Channel, Ekulama, Obigbo, Nembe and Soku oil and gas and AGG projects.
- ❑ Consultancy to Delta Environmental Logistics on Best Available Technology for the incineration of hazardous waste, Port Harcourt.
- ❑ Consultancy to Intel Oil & Gas Services on the construction of a hazardous materials and chemical store for the oil industry.
- ❑ Production of Initial Environmental Review for Alakiri and Jones Creek Model Facilities – SPDC, Nigeria.
- ❑ HSE MS development for Alakiri and Jones Creek Model Facilities – SPDC, Nigeria.
- ❑ Site audits & evaluation of long term and short term risks associated with the Usinsk oil pipeline disaster - EBRD, Usinsk, Siberia
- ❑ Environmental auditing and baseline studies of installations - Nigerian National Petroleum Corporation, Lagos, Nigeria
- ❑ International project on the Benchmarking of Environmental Performance of a number of large multinational corporations - Dupont, Powergen, and Bristol Myers Squibb.
- ❑ Over 100 days auditing experience in BS7750 DIS ISO14001 Environmental Lead Assessor with SGS ICS for companies including Biffa Waste Services, Sony Europe, British Steel, Northumbrian Water, Toshiba, NEC, Nortel, Sanyo, Corus (formerly British Steel), Sealoil Ireland, Beacon Print.

- ❑ EMAS Lead Verifier with SGS ICS for the verification of Sealoil, Ireland. Beacon Print, Kent, Nottingham City Council (LA:EMAS.), Biffa Waste Services, Reigate, Surrey, Alcan, Glasgow.
- ❑ Author of an Environmental Effects Register for a gas turbine power station in accordance with BS7750 - National Power plc
- ❑ Rolls Royce Military Aero Engines Ltd – ISO14001 Consultancy including production on an Initial Environmental Review for the military aero-engine plant at Filton, Bristol.
- ❑ Research contract related to a proposed EC Directive on Major Accident Hazard Pipelines for the Department of the Environment, Transport and the Regions. Review of existing UK provision to control environmental effects of pipeline accidents. Desk study on appropriate classification systems for determining substances posing a major hazard to the environment.
- ❑ Environmental audits of factories for Westinghouse, asbestos manufacturers, transport group.
- ❑ Chapters on hazardous waste management for Guideline Manual for the Petrochemical Industry, Thailand Government.

Environmental Impact Assessment

- ❑ Evaluation of environmental assessment on the seismic exploration operations in the Caspian Sea Shelf oil fields - Ministry of Ecology and Bioresources, Kazakstan
- ❑ Environmental baseline and impact assessment of seismic exploration activities in the Aktubinsk oil field region - Preussag Energie GmbH, Kazakstan
- ❑ Environmental baseline and impact assessment of seismic exploration activities in the Caspian oil field region - AMOCO, Kazakstan
- ❑ Environmental Impact Assessment for Lamby Way Landfill, Cardiff City Council
- ❑ Project Management of EIA for reclamation of former coking works, Cynon Valley.
- ❑ EIA for the reclamation of former chemical works, Pontedawe, WDA
- ❑ Implementation of site reclamation plan including the establishment of trial plots for reclamation of an opencast gold mine and associated spoil heaps - CBR, Bogosu, Ghana
- ❑ EIA and environmental management plan for a manganese mine - Ghana National Manganese Mining Corporation, Nsuta, Ghana
- ❑ Risk assessment of mobilisation of contaminants from the dredging of Botany Bay sands for the Sydney Kingsmith airport 3rd runway.

Contaminated land assessment of over 200 sites, including:

- ❑ Quantitative risk assessment for PCBs in the environment from a leaking former hazardous waste site, South Wales - Islwyn Borough Council
- ❑ Site investigation for the redevelopment of the former Hadfield Osborne steelworks to Meadowhall Shopping Centre, Sheffield.
- ❑ Site investigations and recommendations for remediation of over 30 coal gasification sites including large sites at Tipton & Cynon Valley.
- ❑ Site investigations and recommendations for remediation of former chemical works at Widnes, Ellesmere Port, Nantwich.
- ❑ Site investigations, risk assessment and recommendations for remediation of former hazardous waste sites at Cosmeston Lakes, South Wales
- ❑ Site investigations, risk assessment and recommendations for remediation of former MOD sites at Caerwent, Plymouth, Warrington.
- ❑ Research into computer modelling of quantitative health risk assessment in redeveloping former industrial sites - WDA
- ❑ Site investigations and remediation of former gas works in Sydney, East Perth and Brisbane, and a brass foundry in Sydney.

- Clean up of contaminated soils, water and vegetation following a massive oil pipeline spill, Ogoni land, Rivers State, Nigeria.
- Site investigation, recommendations and scope for FEED for the remediation of disposal pits in the Dukhan Gas field, Qatar.

Training

- HSE Lead Auditor & Audit Team Member Training – SPEX, Manila, Philippines
- Lead trainer for 5 day EMAS Lead Auditor Course – SPDC, Port Harcourt, Nigeria.
- Lead Trainer for 2 day EMS Managers Awareness Course – SPDC, Port Harcourt, Nigeria.
- Training in ISO14001 EMS for Trico Ltd, UK
- Training in ISO14001 EMS for Nippon Electrical Glass, Cardiff, UK
- Training in ISO14001 & HSE MS for Delta Environmental Logistics, Port Harcourt, Nigeria
- Lecturer for University of Wales, Newport, Diploma in Environmental Management
- Lecturer in Environmental Management Dip (Baseline studies & Auditing modules) Bath College.

Employment History:

April 2005	Independent Consultant: Awaken Consulting Limited
March 2005	Associate Director, Amec Earth & Environmental.
July 2004	Director, Casella CRE Energy Ltd.
2003-2005	Business Director, Casella International.
2000-2003	Managing Director, Casella Science & Env (Nig.) Ltd, Port Harcourt, Nigeria
1993-2000	Area Manager, SGS Environment, Wales
1991-1993	Contaminated Land Specialist, Secondment to Kinhill Engineers, Australia, Environmental Technology Team
1989-1991	Team Leader, Environmental Advisory Unit of Liverpool University, Ltd
1987-1989	Environmental Officer, Environmental Advisory Unit of Liverpool University
1985-1986	Water Quality Officer, Anglian Water Authority

Richard has also worked as part time lecturer for the following organisations
Environmental Management Dip. Newport College, University of Wales.
Environmental Management Dip Bath Spa University.

List of Publications:

R M Bell & R A Failey “Soil contamination and standards” in: Conference Proceedings on soil contamination and Remediation, presented by the European Study Centre, Manchester, November 1990.

R M Bell & R A Failey. “Plant Uptake of Organic Pollutants” in: Organic Contaminants in the Environment. Ed K C Jones, Elsevier Applied Science. London, 1991.

R M Bell & R A Failey. “The Behaviour of Chemicals in Soils” in: Conference Proceedings on Land Reclamation Conference: An end to dereliction? Elsevier Science Publication Ltd, June 1991.

R A Failey & R M Bell. “The Redevelopment of Contaminated Land” in: Proceedings on Engineering to Sustain the Environment. Conference. Soc. Prof. Engineers. Papua New Guinea. November 1992.

R A Failey & R M Bell. “Behaviour of pollutants in soil”. in: Conference on Geotechnical Management of Waste & Contamination. Institution of Engineers, Australia, Sydney. March 1993.

R A Failey. “The Assessment of Contaminated Land in Australia” in: Conference Proceedings on Site Investigations for Contaminated Sites. IBC Technical Services. September 1993.

R A Failey & A Scrivens. The Assessment and Redevelopment of Contaminated Land. Environmental Practitioner Series. Stanley Thornes, 1994.

R A Failey & M Hines. “Data Assessment using risk assessment” in: Conference Proceedings on Site Investigations and Clean-up Technologies for Contaminated Sites. IBC Technical Services. October 1994.

R A Failey & D Warlow. “Behaviour of gasworks contaminants in soils” in: Land Contamination and Reclamation Vol. 3 No 4. EPP Publications, 1995.

R A Failey & R M Bell. “Quality systems in contaminated land remediation”. Presentation to NATO-CCMS Pilot Study on the Remediation of Contaminated Land and Groundwater. Adelaide, Australia. NATO. 1996.

R A Failey & M P Hines. “What is Contaminated Land” in: Proceedings Meeting the Environmental Challenge Session B. ET '96. IBC Publications. 1996.

M. Hines and R. Failey. "Using risk assessment to achieve best practice in site remediation" in: R.N. Yong & H.R. Thomas (eds) Geoenvironmental Engineering : Contaminated ground: fate of pollutants and remediation, 1997.