

CURRICULUM VITAE

Timothy Cranfield WHITE

CURRENT POSITION	MANAGING DIRECTOR
PROFESSION	CHEMIST
YEAR OF BIRTH	1955
NATIONALITY	BRITISH



PROFESSIONAL QUALIFICATIONS

Chartered Chemist and Scientist
Fellow of the Royal Society of Chemistry
Fellow of the Chartered Institution of Water and Environmental Management
Fellow of the Water Management Society

KEY EXPERIENCE

Tim White is a Chemist and Managing Director of Marquis & Lord. He has spent over 40 years in the water industry in laboratories and sampling in an operational and enforcement capacity as well as working in the commercial sector advising in the implications of water quality in matters of regulation and contractual compliance.

PROFESSIONAL HISTORY

November 2001 Managing Director, Marquis and Lord Ltd - Consulting Scientists

As the founding director of the company he still practices, providing consultancy services in the field of water quality.

2001 Director, Metcalf and Eddy Environmental Management Division, Birmingham

He was responsible for technical direction of water quality, wastewater and contaminated land projects.

- 1997 - 2001 Director, Consultants in Environmental Sciences Ltd, Birmingham**
- Responsible for the technical direction of water quality, wastewater and, contaminated land projects. He provided liability management advice to insurance companies in addition to evaluation of corporate latent liabilities for environmental impairment.
- 1992 - 1997 Technical Director, Consultants in Environmental Sciences Ltd, Birmingham**
- He has advised a specialist brownfield insurance company on the significance of changes in policy practice and legislation which affect the underwriting of risks associated with potentially contaminated sites as they may impact on potable water supplies. These impacts arise through service pipe contact as well as the interaction of potentially contaminated land with groundwater resources.
- 1991 - 1992 Principal Environmental Scientist, C L Associates, Birmingham**
- Principal duties included project design and management for consultancy in water quality, environmental impact assessment, solid waste management and rehabilitation of contaminated land.
- 1989 - 1990 Head of Environmental Department, Butterworth Laboratories Ltd, Teddington**
- 1988 - 1989 Senior Chemist, Anglian Water NRA Unit, Peterborough**
- Primary role was to manage and expand laboratory services to receive increasing work from internal as well as external clients because of privatisation of the UK water industry.
- 1987 - 1988 Area Chemist, Anglian Water, Oundle Division, Peterborough
Management of an Area Laboratory.**
- Main duties included the scientific management of sewage, rivers and potable waters for an area of 2,500 square miles. Operational management focussed on potable water distribution from the Wing Water Treatment Works serviced from Rutland Water serving a population of 300,000.
- 1984 - 1987 Area Chemist (Sewage & Rivers), Anglian Water, Oundle Division, Northampton**
- Management of Area Laboratory, scientific operations and consent compliance monitoring serving an area with a population of 500,000.
- 1983 - 1984 Senior Chemist, Anglian Water, Oundle Division, Pittsford**
- Management of routine laboratory functions and provision of specialist analytical expertise encompassing gas/liquid chromatography and atomic absorption spectroscopy.
- 1972 - 1983 Employed in various scientific functions in the water industry after a technical apprenticeship at Dunlop Polymer Engineering Ltd.**

RELEVANT SUPPLEMENTARY INFORMATION**PROFESSIONAL BODY AND LEARNED SOCIETY OFFICER ROLES**

Chairman of the SCI's Environment Health and Safety Group

Former Chairman of the Royal Society of Chemistry's Water Science Forum.

REPRESENTATIONAL ROLES**British and International Standardisation**

Member of BSI Committee EH3 - Water Quality

Representation has been provided as delegation leader with respect to development and maintenance of international standards of terminology in water quality as they relate to the analytical methods developed by ISO.

Chairman of BSI Committee EH3/6 - Water Quality/Sampling

The post carries a dual role as the Chair of the International Subcommittee of ISO dealing with Water Quality Sampling.

Former Member of BSI Committee EH3/2 - Physical, Chemical and Biochemical Methods of Analysis of Water

Advisory

In February 1994 appointed as the joint representative of the Society of Chemical Industry and the Chemical Industries Association to the reformed main committee of the Standing Committee of Analysts - Currently Serving as a member of its Strategic Management Board.

EXTRA CURRICULAR TRAINING

Trained, by the former National Measurement and Accreditation Service (NAMAS), which was incorporated into the United Kingdom Accreditation Service (UKAS), as a laboratory assessor in the field of water quality chemical analysis.

MEMBERSHIP OF GOVERNMENT WORKING GROUPS**UK**

In April 1995 appointed to an invited Working Group of the former Department of the Environment Contaminated Land Liabilities Division. This Group considered the quality control requirements for the chemical analysis of soils. It was formed to provide a review forum for guidance prepared in advance of The Contaminated Land (England) Regulations 2000 SI No 227.

HONOURS

Invited into Fellowship of the Water Management Society in June 2000

ACADEMIC AFFILIATIONS

He has served as a guest lecturer at Birmingham University, School of Civil Engineering. This took the form of, providing an annual lecture to an MSc Course (Water Resources Technology and Management). Lectures were framed around water resource protection required because of interaction with potentially contaminated land.

A similar role has been undertaken for Reading University.

In addition, supervision of several MSc students has been provided during placement arrangements where his employing company research has provided the basis for thesis preparation.

In 2012 he was invited to attend the Metropolitan University of Mexico City as a guest lecturer at the inauguration of the university's School of Water Science. He provided lectures on sampling techniques relative to regular monitoring and investigation of water quality problems. Recorded versions of lectures given are still in use.