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BARRY LA FONTAINE

BARRY LA FONTAINE - Principal Environmental Consultant

Barry's wide industry experience ranges from technical, marketing, general management and association management roles in the oil, chemicals and plastics, pulp and paper, timber and forestry industries. He has expertise in marketing and general management, forest industry strategic planning, government and public relations, and training and has a sound understanding of organisational and change management fundamentals.

His environmental expertise stems from advocacy and educational initiatives on behalf of the plastics, pulp and paper and forestry industries and from the development of proactive policies for industry based on sustainable development principles. Barry has provided environmental advice to many large public and private corporations and institutions in the manufacturing, transport and resource industries relating to environmental policy, environmental management systems and environmental training and awareness.

Barry is one of Australia's leading experts in the development of ISO 14001 for various industry sectors, including forestry. He has acted as an ISO 14001 specialist for JAS-ANZ in accreditation and certification audits; and as an auditor for certifying organisations.

QUALIFICATIONS

BSc Chemistry (Melbourne University)

APPOINTMENTS

Senior Environmental Auditor - Quality Society of Australasia
Australian Environmental Labelling Voluntary Scheme Auditor

EXPERIENCE

ENVIRONMENTAL MANAGEMENT AND AUDIT

Auditor and JAS-ANZ ISO 14001 Specialist

- # Since 1996, acted as technical specialist on ISO 14001 for the Joint Accreditation Service of Australia and New Zealand (JAS-ANZ) during certifying body audits of ACTEW's service centre, Canberra, ACT; Ford Australia's car assembly plant at Broadmeadows; ABIGROUP Contractor's road construction and building operations in NSW; Bonlac's cheese processing factory in South Melbourne; Pilkington Glass' factory in Dandenong; Victoria, Palmer Tube Mills, Queensland; ACL Gaskets, Launceston, Tasmania and Air International, South Australia.
- # Acted as a technical specialist on ISO 14001 for JAS-ANZ during the accreditation audit of DLIQ Certification Services.
- # Provided training for JAS-ANZ witness auditors concerning the execution of ISO 14001 environmental assessments and the development of environmental management programs
- # ISO 14001 specialist to Benchmark Certification Services for the certification and surveillance audit of the street cleaning organisation of the City of Port Phillip and the auditor for the certification audit of the Prahran Aquatic Centre. Acted as an auditor for DNV Certification Services for the ISO 14001 certification audit of the five North Forests Business Units in Tasmania.
- # Pre and certification ISO 14001 audit for Benchmark Certification Services of Alcoa's three Victorian

operations, aluminium smelting and power generation

- # Acted for Benchmark Certification Services as the internal EMS auditor for Dana International at its Hallam site.
- # Acted as lead auditor for the certification audit of the three Alcoa Victorian operations at Point Henry and Portland (smelters) and Anglesea (coal mine and power station)

Forestry Environmental Management Systems

- # In 1993/4, prepared a generic Environmental Management System implementation method for industry based on ISO 14001 and sold licences for the method to a number of leading Australian Industrial Companies.
- # Provided advice to and participated in workshop of forestry managers examining the options for implementing ISO 14001 into the Victorian Department of Conservation and Natural Resources.
- # Forest management compliance auditing and review of the compatibility of Australian Newsprint Mills Forest Management's operations to ISO 14001, including recommendations as to how to implement the Standard.
- # Provision of a workshop for Australian Paper Plantations describing how to implement ISO 14001 into its forest management operations and the execution of the Preliminary Environmental Review.
- # Presented a workshop session on the implementation of ISO 14001 into forest management operations to the National Association of Forest Industries Stakeholder meeting on forest certification.
- # Report for the Department of Primary Industries and Energy on options for implementing ISO 14001 Environmental Management Systems for Hardwood woodchip exports licences.
- # Development and implementation of ISO 14001 EMS into the native forest logging and transport operations of Moran Logging and Jacobs Creek Contractors, Victoria, including the execution of the internal audits. Integration of environmental management system with health and safety management system based on AS 4801.
- # Development of integrated Operational Management System for Forest Enterprises Australia containing ISO 14001 EMS, AS 4801 OHSMS and ISO 9000:2000 QMS consistent management systems. The OMS will be certifiable to the Australian Forestry Standard.
- # Preparation and presentation of farm forestry seminar dealing with ISO 14001 and the Australian Forestry Standard to two Tasmanian groups of farm foresters, academics, government representatives and researchers.

Industrial Environmental Management Systems

- # Execution of the Preliminary Environmental Assessment of the Smorgon Consolidated Industries Silverwater and Wetherill Park, NSW, PET bottle manufacturing and recycling plants, as part of the implementation of ISO 14001.
- # Provision of a Corporate EMS Policy and Implementation Framework, based on ISO 14001, for Australian National and its Business Division.
- # Developments of EMS for Australian Tasrail's Tasmanian operations since become certified to ISO 14001.
- # Review of the existing EMS of Airservices Australia and preparation of the Corporate EMS Policy and Framework, based on ISO 14001, for Airservices Australia and its Business Units.
- # Environmental review of the directly and indirectly controlled operations of the Commonwealth Department of Transport and Regional Development. Recommendations provided for options to enhance the environmental outcomes of the indirectly controlled operations and for the establishment of an ISO 14001 certifiable EMS into its Canberra based offices.

- # ISO 14001 review of EMS of Energy Australia, previously Sydney Electricity, and recommendations concerning enhancement of the System and integration with other management systems
- # Environmental Policy, Corporate and Business Unit EMS Framework and Audit and Review components of the Energy Australia EMS.
- # Review of the EMS of Loy Yang Power Station and provisions of a model ISO 14001 methodology for the Operating Units of the Station.
- # ISO 14001 EMS and audit review for the purpose of application for an EPA accredited licence for Dulux Australia, Clayton Operations.
- # Review of Barwon Water's ISO 14001 EMS and critique of the System Procedures Manual.
- # Pre-certification review of Barwon Water's ISO 14001 EMS and estimate of resource requirements to complete the establishment of the System, since become certified to the Standard.
- # Compliance audit of the six larger Sewage Treatment Plants of Barwon Water, particularly against EPA requirements and the preparation of Operating Procedures to ensure Licence requirements are achieved.
- # ISO 14001 pre-certification review of the Eastern and Western Sewerage treatment plants of Melbourne Water.
- # Design, review and ISO 14001 pre-certification EMS audit of Geelong Wool Combing, since become certified to ISO 14001.
- # Establishment of ISO 14001 EMS for the Department of Defence's Platform Science Laboratories at Fishermens Bend, including the development of a Policy and System Procedures Manual adapted to HTML format in Intranet.
- # Review of the EMS operations at Western Water's Sunbury and Melton Wastewater Treatment Plant. Implementation of compliance type EMSs based on ISO 14001, including detailed compliance review of the operations. Recommendations to the Board regarding the application for Accredited Licensee status.
- # Upgrading of Operating Procedures Manual for Western Water's Sunbury and Melton Wastewater Treatment Plant to be consistent with the requirements of the ISO 14001 EMS.
- # ISO 14001 audits of the Western Water's Sunbury and Melton Wastewater Treatment Plants.
- # Development of ISO 14001 EMS, for Western Water's Bacchus Marsh and Romsey Wastewater Treatment Plant and irrigated farm.
- # Development of Integrated Environmental, Drinking Water Quality and OHS Management System based on ISO 14001 for Central Highlands Water, Ballarat. Technical Director for the implementation of the EMS into its operations.
- # ISO 14001 pre-certification review of the EMS of Meritor Heavy Vehicle Systems, Sunshine Australia.
- # Preparation of the EMS Manual and System Procedures consistent with ISO 14001 for CitiPower including the integration of the EMS with its Integrated Management System.
- # Designed and delivered training workshops, carried out ISO 14001 consistent Preliminary Environmental Assessments and developed Environmental Management Programs for over 100 companies operating in the manufacturing, food processing, hospital and flower growing and winery industries. This Program is financially supported and certified by the Victorian Department of State and Regional Development.

Other Environmental Management Projects

- # Compilation of a detailed Environmental Assessment of the Buckland Military Training Area, Tasmania, including compliance requirements for hydrology, geology, flora and fauna, archaeological and fire

management environmental impacts caused by training and other activities occurring on the site.

- # Project Manager (and Auditor for Melbourne Airport) for the preparation of environmental reviews of Australia's five major airports as part of the sale process to private lessees, carried out for the Commonwealth Government's Airport Sales Task Force.

ENVIRONMENTAL POLICY

- # Development of proactive environmental policy for the pulp and paper industry based on the concept of sustainable development. Translations of this policy into environmentally sound objectives for industry in the areas of wood resources and energy use and the impact of emissions on the environment. Development of policy for the ecologically sustainable development of native forests and plantations.
- # Design and management of a comprehensive life cycle study of the energy use and Greenhouse gas emissions of the Australian pulp and paper industry.
- # Execution of life cycle assessments of various packaging raw material sources, recycling and disposal options, using a leading international computer model.
- # Provision of advice to Santos Ltd regarding the environmental and economic ramifications of the use of forests and plantations as a source of Greenhouse Gas Credits.

ENVIRONMENTAL TRAINING AND AWARENESS

- # Writing, editing and publication of brochures describing sustainable development of the Australian Pulp and Paper Industry.
- # Management of public attitudinal surveys concerning the environmental impact of the Australian Pulp and Paper and Forest Product Industries.
- # Development of educational materials for Australian schools at the primary and secondary level describing the sustainable development of the Australian Pulp and Paper Industry
- # Development of an environmental awareness training program on sustainable development and environmental management for the National Vocational Certificate.
- # Preparation of ISO 14001 auditor training course for Tasrail.
- # Development and delivery of an environmental awareness training course as required by ISO 14001 to staff and operators of Geelong Wool Combing and Western Water's Sunbury Wastewater Treatment Plant.
- # Preparation and development of environmental training course for JAS-ANZ dealing with the formulation of industry Environmental Management Programs.

- # Preparation and delivery of 5 day course materials for ISO 14001 workshops convened by the Australian Industries Group for member companies.
- # Preparation and delivery of ISO 14001 awareness and auditing training for Western Water's Wastewater Treatment Plant at Sunbury and Melton.

FOREST INDUSTRY DEVELOPMENT AND GOVERNMENT RELATIONS

- # Secretary of the Victorian Timber Industry Task Force Industry including preparation of forest industry development scenarios based on various wood supply availability and conservation options. Developed and enacted the political programs and lobbying to ensure the Government adopted wise development policies for the Industry (1984-1986).
- # From 1986 to 1990, member of the Commonwealth Government's tripartite (Industry, Unions and Government) Forestry and Forest Products Industry Council, including participation in its two major studies on the international competitiveness of the Australian Forest Products Industry. Political advice and government relations programs to ensure the recommendations were heeded by Government.
- # Member of the NSW Pulp and Paper Task Force which studied availability of unused wood resources in NSW and made recommendations for potential new pulpwood using industries, such as pulp and paper, particle board and medium-density fibreboard (1989). Preparation of industry submissions to the Resource Assessment Commission of Inquiry into the Australian Forest Industries, involving detailed wood supply and industry development scenarios and the related industry development and economic impact. Coordinated action with the union movement to ensure State and Commonwealth Governments adopted the industry development recommendations of the Inquiry (1990-1991).
- # Preparation of industry submissions to the Industry Commission of Inquiries into the Australian Pulp and Paper Industry concerning the construction of world scale bleached chemical pulp mills, recycling and other conservation issues.(1992-1993)
- # Preparation of submissions and industry lobbying regarding the preparation of Recycling Agreements on behalf of the Newsprint and the Packaging Paper Industries (1992-1993).
- # Preparation of submissions and lobbying of the Commonwealth Government concerning the introduction of environmental labelling schemes for paper products (1993).
- # Preparation of forest industry development scenarios for Victoria and its four principal regions to accommodate the very large increase of wood volumes flowing from the Commonwealth Government's Vision 2020 Policy. This work involved simulating the future value of wood products and processed wood products and estimating their economic value to Victoria in terms of State output and employment (1997-1999)
- # Secretary of the Market Knowledge and Development Advisory Group of the Forest and Wood Products Research and Development Corporation and of its predecessor, the National Timber Development Council.

ENVIRONMENTAL STAKEHOLDER CONSULTATION

- # Participation as speaker and delegate for the pulp and paper industry in the development of the National Conservation Strategy. (1982-1983)
- # Participation in the public consultation process and member of the Forestry Committee for the development of the National Ecologically Sustainable Development Strategy. (1989-1990)
- # Industry delegate to the Victorian Government Jobs Forum and the Task Force dealing with the sustainable development of the Victorian Forestry Industry. (1988)
- # Industry advocate in a wide range of Government industry and environmental inquiries including the Victorian Timber Industry Inquiry, Resource Assessment Commission and various Industry Commission Inquiries.

NATIONAL AND INTERNATIONAL PAPERS

- # The Advantages and Application of Accredited Environmental Management Systems for the Pulp and Paper Industry, to the Asia Pacific Pulp and Paper Conference, Singapore, March 1995.
- # How to Implement an Environmental Management System Certificate to ISO 14001, to the AIC Conference, ISO 14001 and EMS, April 1995.
- # The Practicalities of Implementing ISO 14001 in the Water Industry, to the Water and Wastewater Conference, Melbourne, July 1996.
- # The Role of Forest Practices Codes as Performance Standards for Forest Certification, to the International Conference on Certification and Labelling of Products from Sustainably Managed Forest, Brisbane May 1996.
- # Managing Sustainability Using Environmental Management Systems and Life Cycle Assessment, to Plastics and Chemical industry Association Conference, Gold Coast August 1996.
- # Forest Certification and ISO 14001 for the Forest Manager, published in the Institute of Foresters of Australia Newsletter, December 1995 and January 1996 editions.
- # The Environmental Properties of Timber, July 1996 (assisted Professor Ian Ferguson, University of Melbourne, to write and edit the paper for the National Association of Forest Industries).
- # Environmental Certification of Forest Products, a paper presented to the 2nd Asia Pacific Pulp and Paper Summit, Singapore 1996, was also published in the November 1996 issue of the APPITA Journal.
- # Management Systems for Enhanced Commercial Viability and Responsibility, to the AIC Contracting in Plantation and Production Forestry Conference, September 1999.

PERSONAL DETAILS

- # Date of Birth 20 August 1939
- # Nationality Australian
- # Language(s) English
- # Permanent Residence Australia

PROFESSIONAL HISTORY

- # 1998 - 2004 Forestry Pacific Pty Ltd
Director and Principal Consultant
- # 1996 - 1999 Barrann Consulting Services Pty Ltd,
Principal Environmental Consultant.
- # 1994 – 1995 Global Environmental Services Pty Ltd,
Principal Consultant
- # 1981 – 1993 Pulp and Paper Manufacturers Federation of
Australia, Executive Director
- # 1979 – 1981 Plastics Institute of Australia, Operations
Manager, Public Relations Director
- # 1974 – 1979 Olympic General Products, General Manager
- # 1967 – 1974 Monsanto Australia Pty Ltd,
Manager, Product Manager – Agricultural Chemicals Technical Representative –
Industrial Resins and Chemicals
- # 1966 – 1967 Mobil Oil, Analytical Chemist