

MILES COLVIN

ASTC Civil); M.I.E.Aust; M.E.I.A; R.P.E.O.

27 Lake View Drive

CONSULTING CIVIL ENGINEER
COASTAL ENGINEERING SPECIALIST

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CURRICULUM VITAE.

Full Name: Miles Frederick Colvin

Date of Birth: 3rd. April, 1932

Place of Birth: Sydney, Australia

Nationality: Australian

Address: 27 Lake View Drive, THORNLAND5, 4164

Contact Details: Telephone: 3821 2538. Fax: 3821 2538

Current Occupation: Consulting Civil Engineer (mostly retired)

Professional Memberships: Institution of Engineers, Australia, Civil
College; Coastal & Water Engineering Branch.
Registered Professional Engineer Qld. (2307)
Environment Institute of Australia, Inc.

Membership of Clubs &
Community Organisations: Director (Environment) Redlands Community
Economic
Development Board (Redland Shire Council
Nominee)
Member Southern Moreton Bay Islands Planning Study
Member Bayside Branch of the Wildlife
Preservation Society of Qld
Member Marine & Coastal Community Network;
Member University of the Third Age.

Professional Experience

- 1990 – Present: Consulting Civil Engineer.
Clients include and have included the following:
- Dept. Public Works N.S.W.
 - Tangalooma Island Resort
 - A. Raptis & Sons Colmslie, Brisbane River
 - Brisbane Slipway & Engineering
 - Bowen Tug & Bunkering, Brisbane
 - Metalia P/L, (Burnett & Mary Rivers)
 - New Zealand Local Government Authority for the Coromandel Peninsular re their first canal estate also the developer and his consulting engineers.
 - Various barristers and Solicitors acting either for developers or their opponents.
- 1988 – 1990: Todd Group Consulting Engineers
Feasibility Studies
Provision of advice on all administrative and technical aspects of development proposals located in tidal, ocean and river lands (including flood plains and estuaries) situated in Queensland, particularly, and other Australian States generally,
- 1964 – 1986: Department of Harbours and Marine, Queensland
Experience in:
- Design
 - Design of South Trees Alumina Wharf Gladstone;
 - Tourist Island Jetties;
 - Navigation Beacons and the Mooloolaba Pilot Station, Entrance Training Works, Boat Harbours, Signal Stations and Motel Accommodation;
 - Design and Operation of two hydraulic models, one fixed bed, one moveable bed, of the Mooloolah River and its entrance training works in conjunction with the University of Queensland.
 - Construction
 - Supervision of construction, both contract and day labour for all aspects, including quarrying and dredging, of works required for the Ports of Weipa, Thursday Island, Bamaga Portland Roads, Cooktown, Cairns, Innisfail, Dunk Island, Cardwell, Hinchinbrook, Lucinda, Townsville, Magnetic Island, Hayman Island, Shute Harbour, South Molle, Daydream, Lindeman and Brampton Islands, Mackay (inner Harbour) and Tin Can Bay.
 - Investigation
 - Review schemes involving all aspects of foreshore and river development in Queensland, careful attention being paid to Regulatory, Statutory, Environmental, Commercial and Engineering Components of proposals being submitted for Government approval
 - Advice prepared for commercial and academic bodies, other departments, national and international authorities. consultants and developers an industrial and residential development of river flood plains,

estuaries and harbour lands, on the east Australian Coast.

- Departmental representative on the Water Quality Council of Queensland.
- Advice to Government and Ministers of State on approvals being sought for coastal development falling within the provisions of the Harbours Act, Marine Act, Canals Act, Integrated Resort Development Act and other related Queensland Statutes and relevant Commonwealth Acts of Parliament.
- Review and preparation of guidelines for Impact Assessment Statements in accordance with Queensland Government policies.
- Review of Flood Mitigation Reports and Studies in Queensland Coastal Rivers and Estuaries.
- Review of dredging operations and reclamation of land from the sea for extractive industries and land development schemes.
- Recommendations to Government on the suitability of Local Government Schemes for Government Subsidies in coastal tidal waterways.
- Provision of expert testimony in litigation involving matters within the ambit of Local Government Authorities and the State Government in tidal areas.

1954 – 1964:

Department of Public Works N.S.W.

- Experience in Design
 - Country Town Water Supplies.
 - Hydro-Electric Power Stations.
 - Country Town Sewerage Schemes.
 - Water Hammer Analysis with large scale Dam Reticulations.
 - Coal Loading Wharf and Associated Structures.
 - Concrete and Steel Service Reservoirs.
 - In-ground Swimming Pools.
- Supervision
 - Country Town Water Supplies.
 - Large Dam Construction in the Snowy Mountains.
 - Resident Engineer, Bundanoon Creek Dam and Moss Vale District **Water** Supply.
 - Crookwell Sewerage.
 - Dredging Newcastle Harbour, including rock removal at Throsby Basin, Wharf construction Newcastle and Port Kembla Harbours.
- Investigation and Research
 - Hydrological and hydraulic studies into the flooding effects of the Hunter, Paterson and Williams Rivers N.S.W. including flood mitigation and flood routing solutions.
 - Construction and operation of an analogue computer model for the solution of non-linear drainage

networks located at Sydney University with guidance from the academic and professional staff.

- Operation of physical hydraulic models for siltation studies at the Manly Vale Research Laboratory particularly the Hunter River and Newcastle Harbour

1950 – 1954:

Gutteridge Haskins & Davey, Consulting Engineers, Sydney Office

- Experience in
 - Field Surveys. Town Water Supplies
 - Town Sewerage Schemes
 - Country Electricity Supply Distributions
- Design
 - Water Supply & Sewerage Schemes
 - Small Earth Dams
 - Concrete Slab and Buttress Dams
 - High Voltage Transmission Towers
- Supervision
 - Boggabri Sewage Treatment Works and Town Reticulation
 - Coombing Slab and Buttress Concrete Dam at Carcoar N.S.W.