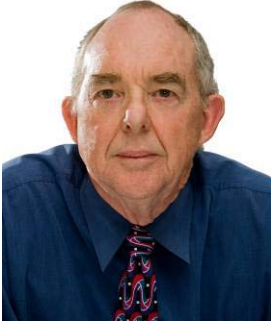


## Kevin TURNBULL



### QUALIFICATIONS

New Zealand Certificate in Drafting (Survey), Wellington Polytechnic, 1968

### FIELDS OF SPECIAL COMPETENCE

Over forty-three years experience in Australia, New Zealand and Western Samoa in design, drafting and supervision of draftsmen, tracers and technical officers on land survey and civil engineering works including survey and plan checking, urban and rural roads and subdivisions including all services, freeways, sewerage schemes and structural details. Drainage designs including pipe work, flood storage basins and structures. Floodplain management reports including calculations, data collection and presentation figures and plans. A two-year NZ Bilateral aid assisted project for survey, sewerage and rural water supply design in Apia, Western Samoa. Field experience includes site surveys and construction supervision in Australia, New Zealand and Western Samoa.

### EXPERIENCE

#### 1990 to date | **Bewsher Consulting Pty Ltd, NSW, Australia, Drafting and Technical Services Manager**

Involved in the survey, design, drafting and associated technical tasks required for the preparation of detailed drainage design projects, flood studies and general civil projects for both private developers and local government bodies using computer software (AutoCAD and MapInfo). This includes liaison with technical staff of client, coordination of drafters as required and the preparation of detailed drawings, schedules, quantities and construction cost estimates.

Projects include:

Detail design for detention basins and creek restoration works at Clear Paddock Creek for Fairfield City Council.

Detail design for flood storage improvements at Cumberland Golf Course for Holroyd City Council.

Stormwater Asset Mapping using MapInfo for six catchments in Bankstown City Council area plus associated extensive field investigations.

Medium density housing developments for various private developers involving soil and water management plans, stormwater drainage, driveway layouts, site grading works and external civil works.

Stormwater upgrading works for various councils including flood storage basins, pipe works and associated major structures.

Road approaches to new bridge structure in Vine Street, Fairfield for Fairfield City Council including private property adjustments and temporary access works.

Roundabouts for North Sydney Council in Cremorne.

Motel Development including structural, civil and hydraulic services.

Preliminary design works and report exhibits for Water Board catchment management studies at Rushcutters Bay and Terrys Creek.

Assist engineering staff with various urban and rural flooding and drainage studies for councils including field interviews, pipe inspections, field identification of catchment boundaries, field surveys, input to data tables, artwork and figures

for reports, miscellaneous small scale engineering calculations and assessments using computer aided design.

**1987 to 1990 | Sinclair Knight and Partners Pty Ltd, NSW, Australia, Senior Detail Design Draftsman, Traffic and Site Services Section.**

Projects included:

Design and documentation of road improvements in Canberra.

Civil details for two school sites in the Solomon Islands.

Design and documentation of a major residential development in Brisbane.

**1981 to 1987 | Sinclair Knight and Partners Pty Ltd, NSW, Australia, Senior Design Draftsman**

Projects included:

Design and documentation for Darling Harbour redevelopment in Sydney.

Design and documentation of road works on SH9 at Belford for the RTA.

Garden Island modernisation for the Department of Housing and Construction.

Preliminary design for the Maldon – Port Kembla rail project.

**1980 to 1981 | TSE Group Consultants Ltd, Paraparaumu New Zealand, Senior Draftsman**  
Field survey and detailed design work for the Kapiti Borough Sewerage Reticulation Scheme

**1978 to 1980 | New Zealand Ministry of Foreign Affairs, Bilateral Aid Program, Apia, Western Samoa, Assistant Design Engineer**

Projects included:

Field survey and detailed design of the first stage of the Apia Township Sewerage Scheme.

Field survey and construction supervision of a fisheries bait pond, two large water reservoir sites and several rural water supply schemes.

Field studies and assessment of roof catchment water supply systems.

**1968 to 1978 | TSE Group Consultants Ltd, Wellington, New Zealand, Civil Design Draftsman**

Urban subdivisions in the Wellington area including earthworks, roads and drainage, sewerage and water supply, quantities and tender documentation.

**1964 to 1968 | Land and Survey Department, Wellington, New Zealand, Survey Drafting Cadet**

Survey computation checks of legal plans and miscellaneous drafting and field survey duties.