



airey taylor consulting  
engineers  
scientists

**Brian Stone**  
**Senior Civil Engineer and Hydrogeologist**  
**Airey Taylor Consulting**

**Professional Profile**

Brian Stone is a worldwide authority for engineering water solutions. Commencing as a Project Engineer for Montgomery Consulting Engineers in the United States in 1958, Brian advanced to Manager of the South-West Region of the firm – managing an engineering design office and water quality laboratory with a team of 150 technical staff providing 60% of Montgomery’s technical output when they were the leading water engineering firm in the world. His focus was on technical direction of projects – providing planning, detail design, construction overview and start-up of major water supply projects including over 20 water treatment plants, pumping stations, reservoirs (including underground designs), pipelines and wastewater reuse systems.

In 58 years of service with the group, he rose to the position of Director of MWH Corporation, retiring from the firm in 1996 when he relocated back to Perth. He continued to consult for MWH and Stantec until 2017, then joining Airey Taylor Consulting as Senior Civil Engineer in 2018.

Brian has an international reputation for in his field – having provided technical services for clients in Australia, the United States innovation, the United Kingdom, Canada, Israel, Malaysia, Indonesia and the Netherlands amongst other nations. He continues his of technical direction of water supply planning and design projects; particularly water treatment plants, pumping stations, hydrogeology and waste water recovery. He has served in academic positions and contributed to papers, articles, textbooks – including two textbooks on water treatments and one on pumping stations. He was the internal author of the MWH Pump Station Design Manual. In 2018 he prepared two papers relating to the Water Corporation of Western Australia; one regarding the purification of wastewater and the economic consequences of water billing policies.

In 2017 he was awarded Patents in the United States and Australia for Horizontal Ground Water Collectors for fresh water that wastes to the ocean from coastal aquifers.

**Qualifications**

Graduate Civil Engineer, Perth Technical College (now Curtin University)  
Bachelor of Economics, University of Western Australia  
Master of Science, Hydrogeology, University of Southern California  
Fellow, Institution of Engineers (Australia)  
Registered Civil Engineer, California, PE 12334

## **Professional Background**

**Metropolitan Water Authority of Western Australia (Perth) - 1953 – 1957**

Design Engineer

**Peerless Pumps (FMC Corporation) (Los Angeles, United States) - 1957 – 1958**

Application Engineer

**Montgomery Consulting Engineers (later MWH Corporation) (Los Angeles, San Francisco, Australian and the Netherlands) - 1958 – 1996**

Project Engineer, Regional Manager (South West US region), Director and CEO, Australia

**MWH Corporation (later Stantec) (Perth) - 1996 – 2017**

Consultant

**Airey Taylor Consulting (Perth) - 2018 – Present**

Senior Civil Engineer and Hydrologist

## **Academic Tenures**

**Loyola University, Los Angeles (1976 – 1978)**

**University of Southern California, Los Angeles (1979 – 1981)**

Director, Post-Graduate courses, Environmental Engineering

## **Appointed Positions**

**Chairman, California Water Quality and Water Resources Committee (1978)**

**Chairman, American Water Works Association Research Division (1980)**

## **Selected Project Highlights :**

**San Diego Water Treatment Plant (1962)**

Design and Start-up services

**Anstey Hill Water Treatment Plant in Adelaide (1970)**

Project Engineer, Design

**Aqueduct Plant for City of Los Angeles (1977)**

Conceptual design

**Sunol Plant for City of San Francisco (1992)**

Design and coordination of plant duplication

**Treatment Analysis of Rhine River Water (1994)**

Collaborative with Witteveen and Bos - resulted in Conceptual Design of Water treatment plant for Amsterdam

**Israeli Water Commission (1994)**

Advisor, Water Treatment

**Prospect Plant in Sydney (1997)**

Co-ordinated design and start-up of largest single water treatment plant in the world

**Water Treatment Plant in Medan, Indonesia (1997)**

Conceptual design

**Analytical tour of California (2016)**

Investigation of current status and policies relating to reuse of waste water, including assessment of design of two 150 ML/d tertiary treatment plants he previously designed for Los Angeles County Sanitation Districts