

*JD McCafferty*







Hong Kong's Kwai Chung Container Port is the world's busiest. Scott Wilson has been responsible for the design and project management of five of the eight completed terminals and is working on the ninth terminal.



Macau International Airport serves as a strategic gateway to southern China. Scott Wilson was responsible for the programme and construction management for an artificial island for the runway and taxiways.

## The Company

Scott Wilson has been operating in the Asia-Pacific region for over 45 years. In that time, we have developed into one of the most experienced, independent, multi-disciplinary consulting firms in the area.

Our projects have been planned, designed and built in locations and countries such as Hong Kong, Macau, China, Taiwan, Cambodia, Indonesia, Brunei, Singapore, Malaysia, Thailand, the Philippines, Vietnam, Papua New Guinea and Australia.

Our staff of about 850 people provide the appropriate range of technology and resources to suit a client's requirements and the diverse conditions that exist within this region. We have considerable experience in handling aid agency funded, contractor-financed and B-O-T projects.

Whether you require just one specialist or a multi-disciplinary team, we have highly-qualified professionals to meet the needs of your project. From our regional headquarters in Kuala Lumpur we also have access to additional specialists and staff resources through Scott Wilson's international network of offices in Australia, the Middle East, Africa, Europe and throughout the United Kingdom.

On all projects, irrespective of size or scale, we offer the quality, innovation, and value you need.



Caritas Medical Centre was designed to provide specialist and general medical services in a densely populated area of Hong Kong. A tunnel at basement level facilitates the transfer of equipment between hospital buildings.



In Papua New Guinea we have designed and supervised the construction of several World Bank-financed highway projects.

Route 3, Hong Kong – Scott Wilson was responsible for this major new expressway, including the dual three-lane Cheung Ching Tunnel.



Tsing Tsuen Bridge, with a main span of 160m, is Hong Kong's longest spanning concrete bridge. It was built using the balanced cantilever method.



Tuen Mun Highway was Hong Kong's first high-capacity expressway. Environmental considerations were taken into account by designing stepped carriageways to blend into the hillside and minimise earthworks.



For Kai Tak International Airport, Hong Kong, Scott Wilson designed a 3km-long artificial promontory jutting into the harbour. We were responsible for feasibility studies, design and construction management of the airport and later extensions.



Tuen Mun Harbour, Hong Kong, designed to trans-ship cargo and as a safe typhoon anchorage for fishing vessels.

Hong Kong's Tuen Mun Hospital – the design concept was based on the separation of general and specialist wards.



## The Sectors

### Maritime

- Reclamations and seawalls
- Jetties and piers
- Container terminals
- Ports
- Oil and gas facilities

### Airports

- Masterplanning
- Runways and aprons
- Terminals
- Hangars

### Roads, Bridges and Tunnels

### Transportation Planning and Rail Transit Systems

### Urban Development and Infrastructure

### Geotechnics

- Investigations
- Foundations
- Earth structures
- Monitoring

### Leisure and Tourism Planning







Procter & Gamble's manufacturing complex built in the Huangpu industrial district near Guangzhou, China. This plant was designed and built with a high level of local input, under Scott Wilson's project management.



Cloudlands was Hongkong Bank's residential complex in Hong Kong. Scott Wilson was responsible for the structural and geotechnical design, overcoming severe restrictions imposed by the steep site.

## **Project Management**

### **Buildings**

- Industrial buildings
- Office complexes
- Residential developments
- Institutional buildings
- Transport complexes

### **Industrial Developments**

- Chemical plants
- Breweries
- Factories
- Warehouses

## **Environmental Planning and Assessments**

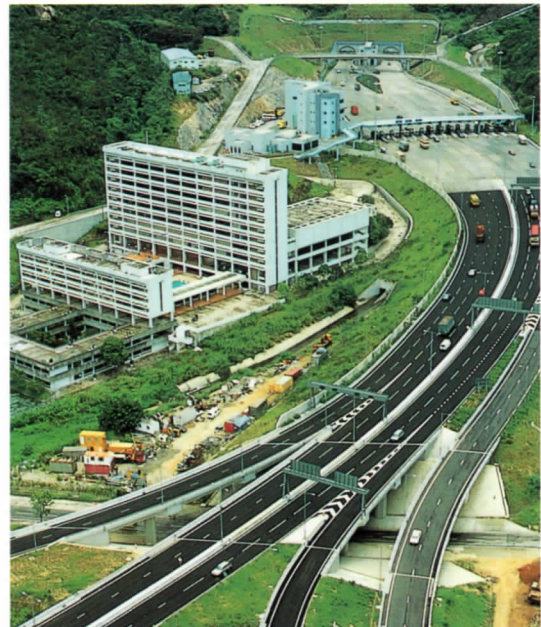
### **Solid Waste Management**

### **Water and Wastewater Engineering**

### **Maintenance and Refurbishment**

### **Information Systems**

- Geographic Information Systems
- Remote Sensing



Hong Kong's Tate's Cairn Tunnel is one of Asia's longest road tunnels. Scott Wilson checked designs and was responsible for quality control during construction of the tunnel which was built as a B-O-T project.



Scott Wilson carried out a master plan study for Kota Kinabalu Airport, in Malaysia, and later the detailed design and construction supervision for a new terminal complex.



Kowloon Bay Transfer Station is one of a series of refuse transfer stations in Hong Kong with which Scott Wilson has been involved.



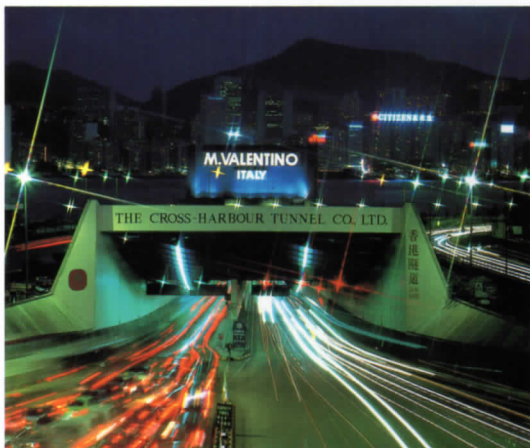
Scott Wilson provided substantial multi-disciplinary input into the Light Rail Transit System in Tuen Mun, Hong Kong. Our transport planners identified the requirements and passenger projections. Our rail section designed routes and platforms and our project management team supervised construction.



Three earth and rockfill dams, including the longest marine dam in the region, were designed and constructed to form the Plover Cove Reservoir, Hong Kong.



Dow Chemical Co is one of Scott Wilson's numerous industrial clients. For many years we have ensured that Dow's facilities in Hong Kong and China are effective, productive and flexible enough to allow for future production requirements.



For the Cross-Harbour Tunnel in Hong Kong, Scott Wilson designed an innovative submerged tube crossing.

This equine hospital was designed and built for the Royal Hong Kong Jockey Club. Its octagonal shape and rounded rooms ensure that horses can be treated safely and easily.



## The Approach

Today's design problems may require tomorrow's solutions. By looking at your problem from a number of perspectives, a cost-effective and timely solution can be found. This process has become routine on every project we handle.

From planning and feasibility, through to final design and construction, Scott Wilson will carefully analyse individual needs and situations, and plan and design accordingly.

Our project directors tailor the Company's range of engineering capabilities to respond to each client's specific requirements. This begins with the selection of the project manager or specialist who will be the day-to-day contact point between the client and our project team. Our wide range of expertise enables you, the client, to receive from just one firm, advice on many different aspects of a project.

We offer project management services and site supervision on all projects and we operate internationally recognised quality assurance procedures at every stage of a commission. The latest in new technology is available. This includes geographic information systems, for land use planning and environmental monitoring, computer-aided drafting and design packages through to sophisticated project management programs.

Scott Wilson's main aim on any assignment is to complete it within the client's time and financial parameters and to the desired standard.





## Scott Wilson Principal Offices in Asia-Pacific

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