

香港環境卓越大獎

Hong Kong Awards for Environmental Excellence

銀獎 Silver Award

建造業

Construction Industry



金門建築有限公司 —

Main Contractor Work for Proposed House Development at 1 Plantation Road, Hong Kong

Gammon Engineering & Construction Company Limited –
Main Contractor Work for Proposed House Development at
1 Plantation Road, Hong Kong

項目使用水質監測儀和交通控制系統，分別實時監控排水質量以及地盤的車輛流量，同時在挖掘、鋼管樁和升降機井底改建工程中利用替代施工方法和實施回收計劃，大幅減少石矢廢料和木材使用量。

The Project has monitored the real time quality of water discharge and flow of vehicles through the use of water quality sensors and traffic control system. It has also adopted alternative construction methodology and implemented recycling plan for the excavation works, pipe piling and lift pit modification to reduce significantly the amount of concrete waste and the use of timber.



採用公司自行研發的智能交通控制系統，安排進出地盤、指定起卸貨區及停候處的車輛流量，以減少交通擠塞及廢氣排放。

Adopting the Company's self-invented intelligent traffic control system to manage the flow of vehicles in designated loading, unloading and temporary holding areas and therefore reducing traffic congestion and vehicle emissions.



為減低對鄰近薄扶林水塘水質的影響，項目收緊對水中懸浮固體物的監控、採用砂濾法，以及安裝化學污水處理設施及實時水質監測系統。

Minimising the impact on the water quality of Pok Fu Lam Reservoir nearby through further tightening the water discharge control on suspended solids, using sand filtration as well as installing chemical wastewater treatment facility and real-time water quality monitoring system.



透過採用替代施工方法和設計，在挖掘及鋼管樁工程時以壓實的泥土加上混凝土磚和鋼板作為平台，大量減少木材使用和廢物。

Adopting alternative construction method and design and using compacted soil, concrete block and steel panels to build the platform during excavation and pipe pile works to reduce significantly the use of timber and waste generation.