



H₂O Residences

PROJECT INFORMATION

City: Singapore

Country: Singapore

Project Startup: 2011

Project Completion: 2015

STREAM AWCS

Type of AWCS: Gravity Vacuum System

Total Pipe Length: 550m

Number of Fractions: 2

Estimated Waste per Day: 1.6 metric tons

H₂O Residences accommodate 5 blocks of 19 to 23-storey towers with a total of 521 residential units located in Sengkang, Singapore. The development is scheduled to be completed by 2015. STREAM Gravity System was designed to meet client's specifications. It has the capacity to convey and store both recyclable and non-recyclable waste up to 2 days. Waste is consolidated from several buildings into sealed containers located at the Central Waste Handling Facilities (CWHF). There are indoor load stations located on every floor of each block as well as outdoor load stations for a quick and convenient garbage disposal. The frequency of waste removal from multiple load stations reduces odour, eliminates pests and improves security levels.

