

Vacuflow® Vacuum Sewage System

Introduction

Project Name: Pantai Sepang Putra Housing & Commercial Complex.

Developer : Vintage Heights Sdn. Bhd.

Location : 25km from Kuala Lumpur International Airport.

Acreage : 1,493 acres

Population : 51,685

Specification

Due to high water table, very flat land area, bad soil condition and located just 1 km from the sea, the Qua-Vac Vacuflow system was chosen to be more cost effective.

The construction of this project is in phases, with a total of six (6) vacuum station, two (2) pumping station and a total of 1,500 Vacuflow Interface Valves.

Completion

We have now completed two (2) vacuum station and a total of 460 Vacuflow Interface Valves has been installed and in full operation.

Vacuum station one (1) consists of four (4) 1000m³/hour Busch rotary vane vacuum pumps, two (2) vacuum vessel, four (4) discharge pumps, liquid separator and a PLC control panel complete with AQUATEL SCADA system and serving a population of 7,945.

Vacuum station two (2) consists of two (2) 1600m³/hour Busch rotary vane vacuum pumps, two (2) vacuum vessel, four (4) discharge pumps, liquid separator and a PLC control panel complete with AQUATEL SCADA system and serving a population of 4,955.

All vacuum mains are of HDPE PN10

