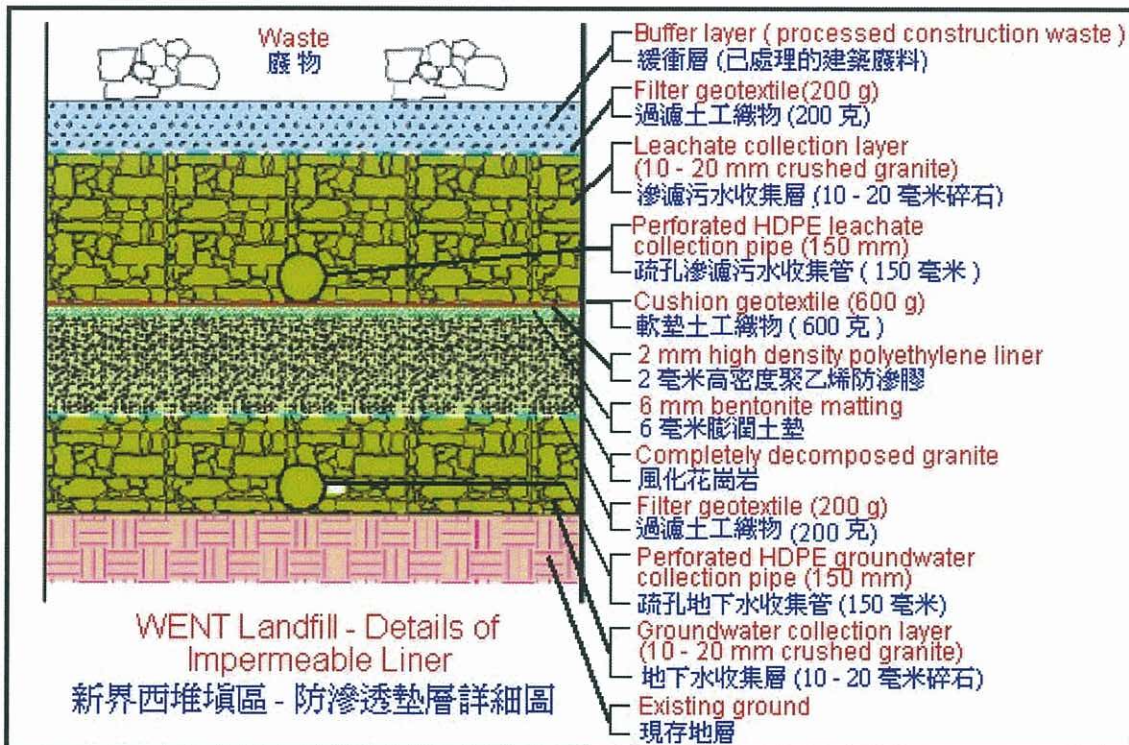


APPENDIX 7.3

**Landfill Gas Protection
Measures in Existing
WENT Landfill**

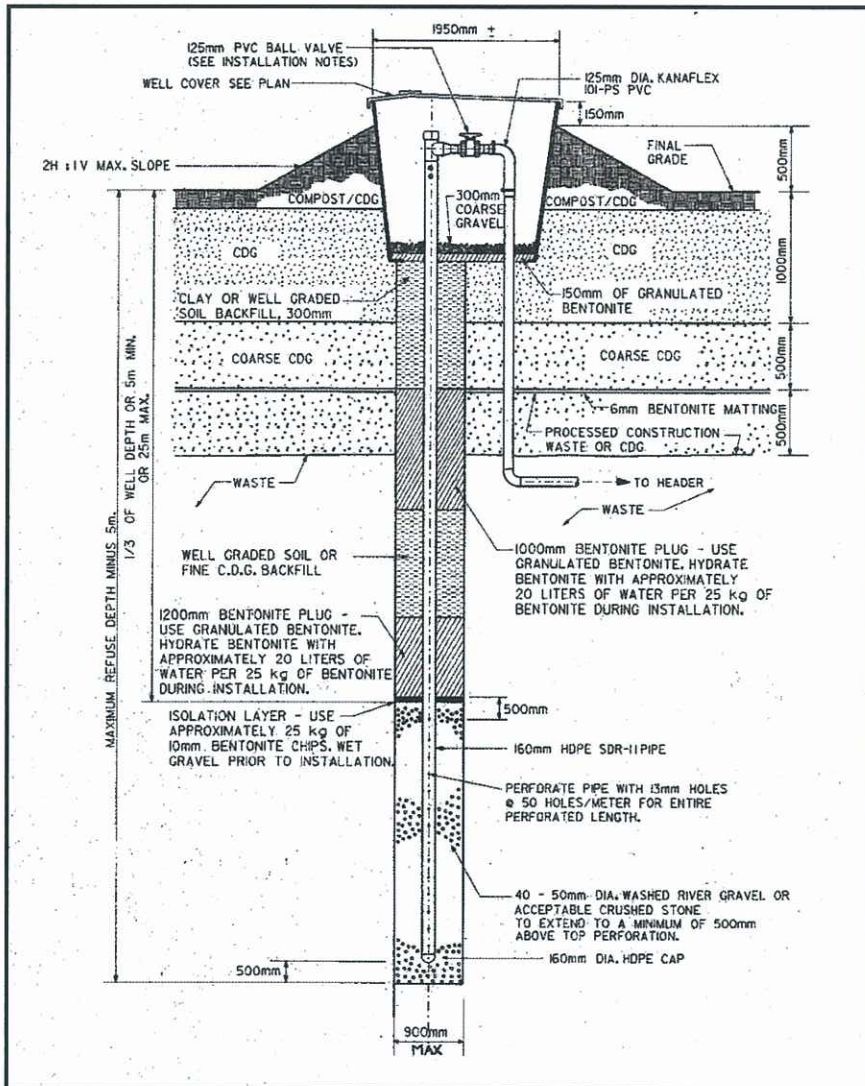
Landfill Gas Barrier



Base composite liner of existing WENT Landfill as LFG Barrier :

- 2mm High Density Polyethylene Liner
- 6mm Bentonite Matting

Landfill Gas Collection and Extraction System



Landfill gas extraction well

Landfill Gas Utilisation and Flaring System



Gensets for power generation using landfill gas



Ammonia Stripping Plant using landfill gas to heat up raw leachate



Landfill gas flares