



Waste Treatment Field Expansion Project

Location: Kaohsiung, Taiwan

Application: Landfill and Reinforced Earth Embankment



Problem :

Kaohsiung regional industrial waste treatment plant has become insufficient due to the increase of population over the years. Therefore it was in urgent need the expansion of waste treatment plant.



Solution :

Application of in-situ soil to build the reinforced earth embankment and to expand the waste treatment plant, the inside was added impermeable geomembrane to prevent leakage of sewage, and the surface was planted with greens to achieve an ecological environment for the community. The work area was about seven hectares, the construction took only five months to accomplish, and the operation officially initiated in January 2011.