

REDESAIN TPA NGEMBAK KOTA PURWODADI KABUPATEN GROBOGAN DENGAN SISTEM SANITARY LANDFILL

Sandra Mas Malinta, Wiharyanto Oktiawan , Haryono S Huboyo

ABSTRACT

Like a city in indonesia, sub Purwodadi also is using agglomeration method as waste final throwing. Waste of result in sub Purwodadi was agglomerated in TPA Ngembak with not maximal handling, so can generate negative impact to environment. Increasing population and PDRB in sub Purwodadi will increasing waste and shorting operational times in TPA. to increase TPA Ngembak capacity, so needed redesain with sanitary landfill method to decreasing envirotment risk. Intention of study is redesain TPA with sanitary landfill method at TPA Ngembak which accomodation of all activity corectly waste procces. The result of study is new design TPA sanitary landfill with leachate distribution, Air ventilation, and all of support facility. For example weighing bridge and addition of heavy equipment required. Expense of required to build TPA Ngembak design with sanitary landfill method is around Rp 8.114.910.328,28.

Key words : design, Ngembak, Sanitary landfill, TPA, Purwodadi