

Analisa logam berat pada lindi dari tempat pembuangan akhir (tpa) namo bintang / Mariana Br Subakti, Poltak Panjaitan

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Abstrak

Landfills Namo Bintang located on the street Pancurbatu - Delitua, sub Pancur Batu, Deli Serdang regency, is a reservoir of waste that came from Medan city and District Pancurbatu. With the operation of the wholesale market Tuntungan (moving from the morning market in Medan Sutomo road) which is located about 3 km from the landfill, then the volume jpf waste in the landfill Namo Bintang will be increased and more smell; reopening of the landfill to collect the garbage from the wholesale market on the market Pancurbatu. Landfills Namo Bintang yet have sewage treatment facilities into materials that are more useful for example compost, landfills is impressed less attention and garbage only in landfills without ig processed at all. The number of garbage collectors who came to take it waste, scrap metal, etc., make it look alive landfill, but the location is seedy and smelly. Around the landfill, there are houses, mostly of ethnic and Java. The content of heavy metals in water wells around the 11, creates a need for us to conduct research chemical analysis of the We from landfills Namo Bintang, whether leachate from the landfill Bintang has been contaminated by heavy metals such as (0,00034mg/L), iron(0,00078mg/L), zinc(0,00S7MG/l), (0,00058mg/L), lead(0,00087mg/L) and arsenic(0,00032mg/L) e garbage is piled on the location of the landfill. The results of laboratory analyzes showed no heavy metals exceeded the threshold contained in the leachate from the three locations. This proves the absence of that occurred in leachate from three sampling sites