1. Waste generation
   - Population: 84,522 person in 2017 projected by NSOSL
   - MSW generation rate:
     - MSW generation rate 2011: 0.860 kg/person/day
     - MSW generation rate 2017: 0.947 kg/person/day calculated based on the 2011 value
   - MSW generation amount = 80.03 ton/day

2. MSW disposal amount in HCC
   - HH waste collected (HCC) = 24.64 ton/day
   - HH waste collected (Direct) = 3.14 ton/day
   - Business waste collected (Direct) = 20.59 ton/day
   - Total disposal amount = 48.38 ton/day
   - Collection coverage rate = 60.5% (=Collected amount / Generation amount)

3. Final disposal amount of Ranady LFS
   - MSW from HCC = 48.38 ton/day
   - Hospital waste from HCC = 1.17 ton/day
   - Agricultural waste from HCC = 0.15 ton/day
   - Industrial waste from HCC = 19.23 ton/day
   - HH waste from outside HCC = 6.29 ton/day
   - Business waste from outside of HCC = 0.76 ton/day
   - Total disposal amount = 75.98 ton/day