

Table S1. Properties of the various IN-1 landfill cover types used as inputs to CALMIM 5.4. IN-1 has a footprint of 0.7 km² (173 acres).

Cover Type	% Area	% Gas Recovery	% Vegetation Present (growing season)	Organic Matter Content	Material & Thickness
Daily	4	0	0	Low	See note below*
Intermediate	39	100	0	Medium	0.91m (36") clay
Final	57	100	100	Medium	See note below+

* Two Daily covers: 0.15m (6") clay and "extended daily cover" of 0.79m (31") loamy sand; each 2% of area

+ Two Final covers: 1.2m (48") silty clay loam (34% of area) and geomembrane composite cover (23% of area) of 0.30m (12") loam over HDPE geomembrane over 0.61m (24") silty clay loam.