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(1) Ans → objective of land fill
there is mainly five stage of
land fill objective
~~Phase 1~~ → ~~As the waste is placed~~

~~in the~~

(i) Initial adjustment (phase - 1)
As the waste is placed in the
land fill contain high volume of O_2

(ii) transition (Phase - II) → the O_2 is
rapidly degraded by the existing
material microbial population.

(iii) Acid formation (iii) phase.

Hydrolysis of the biodegradable
fraction of the solid waste begins
in the acid formation phase.

(iv) methane fermentation

CH_4 and CO_2 by methane microorganisms
As VFAS are metabolized,