

**Subject name :Sanitary Engineeing**

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# **THE GROUP MEMBERS ARE,**

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# STAGES

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graph TD; A[STAGES] --> B[1. ACID FERMENTATION/ACID PRODUCTION STAGE]; B --> C[2. ACID REGRESSION]; C --> D[3. ALKALINE FERMENTATION]; D --> E[STABILISED SLUDGE /DIGESTED SLUDGERIPENED SLUDGE + SUPERNATANT LIQUOR + METHANE GAS];
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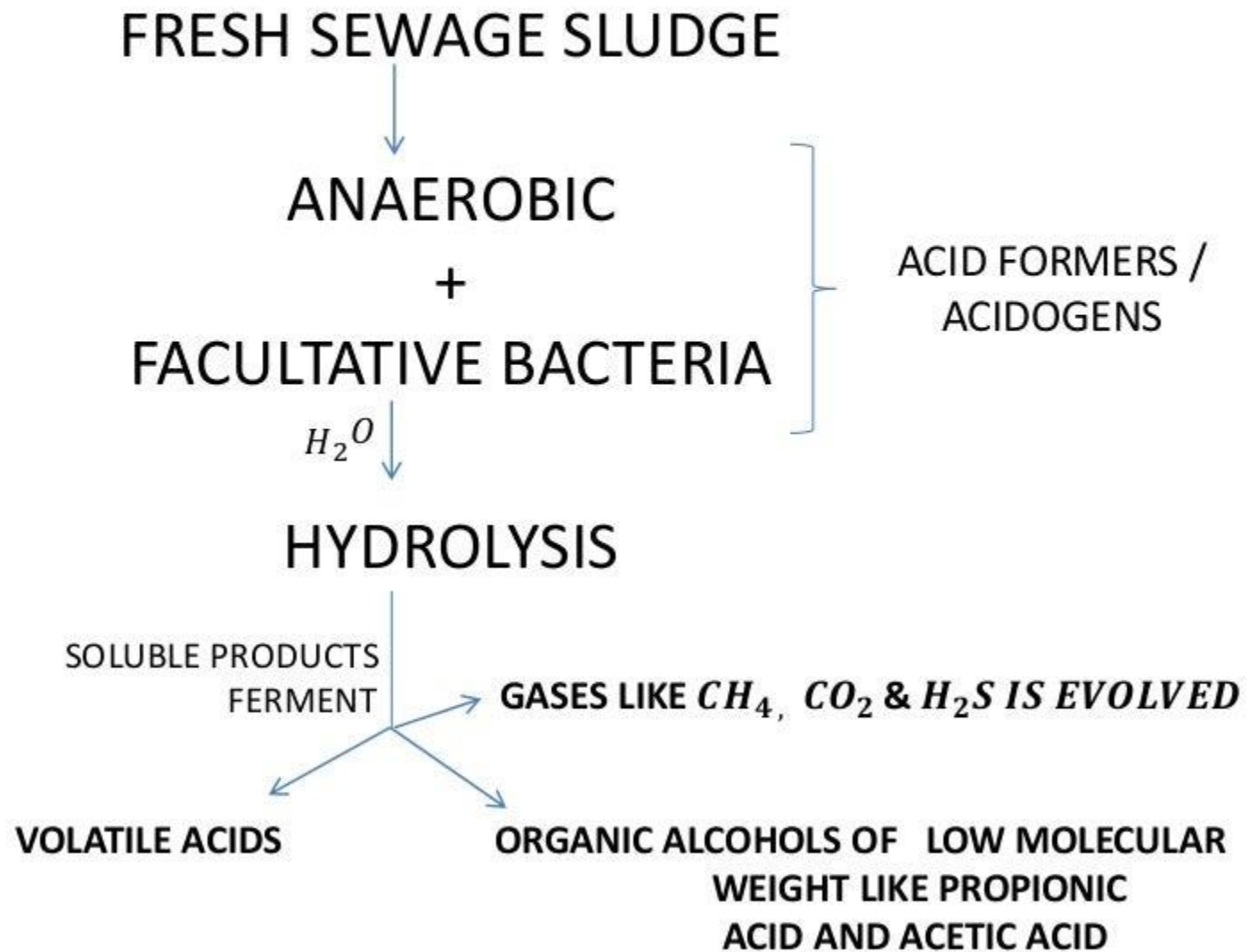
**1. ACID FERMENTATION/ACID PRODUCTION STAGE**

**2. ACID REGRESSION**

**3. ALKALINE FERMENTATION**

**STABILISED SLUDGE /DIGESTED SLUDGERIPENED SLUDGE  
+ SUPERNATANT LIQUOR + METHANE GAS**

# 1 . ACID FERMENTATION / ACID PRODUCTION STAGE



- HIGHLY ACIDIC.
- $\text{PH} < 6$
- HIGHLY PUTREFACTIVE ODOURS ARE EVOLVED FOR 15 DAYS.
- BOD IS INCREASED.