| 1) Activated Studge Process | |
|---|-------------|
| -> HRT ON HOT | |
| → HRT our HDT → Ouganic our volumetric loading Rate → F/M ratio | |
| -> F/M ratio | Formula |
| -> sudge Age | - Josephane |
| Sludge volume Index | |
| -> Recivillation Ratio | |
| → Derign of ASP | |
| | |
| 2) Studge handeling Process | |
| Flour Donne | |
| > flow Diagram | |
| -> factor offecting Studge Digertion | |
| smage Thickening | |
| -> Studge Digestion Tank | |
| > Volume of Digetory | |
| → Derign Data | |
| | |
| 3) Oxidation Pond | |
| → Diag ream | |
| → Design Data → Elevation Convection (Ec) | |
| (Le) | |
| 4) Septic Tank | |
| → Diagram | |
| → Derign Data | |
| -> Imhoff Tank | |

5) Sewers -> Types of collection System Shapes [civillar, Rectangular, v-shaped,] -> Maximum and Minimum Velocities in Sewer -> flow velocity [manning's formula] -> Hydrauli'c characteristics -> Running full
of Sewer -> Running half -> Running half full > Running at any other depth -> Sewer Deelgn > fluctuations in > Manimum daily flow Sewage flow howly "

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