**Waste and Waste Water**

**(WT04)**



|  |
| --- |
| **Fact Sheet WT04: Install fat separators in the kitchen’s sewage system. Ensure that these separators are monitored and maintained monthly** |
| **Overview** |
| *Objective* | Improve wastewater stream from the kitchen  |
| *Action* | Install fat separators  |
| *Key Challenges* | Installation of separation system which needs a periodic maintenance and technicians  |
| **Process** |
| *Complexity* | Low – fat separation system  |
| *Equipment & Material*  | Fat separators  |
| *Human Resources* | Maintenance technicians  |
| **Considerations** |
| *Regulatory Aspects* | None  |
| *Economic*  | Moderate CAPEX – Low OPEX – Moderate savings – Moderate payback. |
| *Advantages* | Improve waste water stream from the kitchen and prevent and prevent flow of fat, oil and grease (FOG) to the waste water treatment plant |
| *Disadvantages* | Separators needs continuous monitoring  |
| **Impacts** |
| *Environmental* | improve wastewater treatment leads to efficient gray water used in irrigation and cleaning purposes to decrease consumption of fresh water  |
| *Employment Opportunities* | Moderate – technical labors |