**Waste and Waste Water**

**(WT04)**



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| **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 |