**Waste and Waste Water**

**(WT02)**



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| **Fact Sheet WT02: Ensure that the quality of swimming pool water is checked, controlled, documented by an external organization (pH-value, chlorine%) according to nationally approved standards** |
| **Overview** |
| *Objective* | Water quality regular check for swimming pools  |
| *Action* | Continuous monitoring for the swimming pools water quality  |
| *Key Challenges* | Timing for swimming pool chlorination  |
| **Process** |
| *Complexity* | Low – Swimming pool measure kit  |
| *Equipment & Material*  | Tool kit, Disinfection chemicals & dosing pumps  |
| *Human Resources* | Technicians |
| **Considerations** |
| *Regulatory aspects*  | None  |
| *Economic* | Low CAPEX, Low OPEX, High savings, Moderate payback.  |
| *Advantages* | Sustain the swimming pool water free from any algae, bacteria, microbes and chloramines.  |
| *Disadvantages*  | Increase rate of disinfection chemicals consumption  |
| **Impact** |
| *Environmental* | Decrease fresh water consumption in swimming pools  |
| *Employment Opportunities* | Moderate – technical labors |