

# NON COLLECTIVE SANITATION FACILITY WASTE TREATMENT

## A TURN-KEY AND MODULAR SYSTEM DESIGNED ACCORDING TO YOUR NEEDS

**WASTE TYPE :**

Waste water and sludges from non-collective sanitation facilities : septic tanks, small-scale plants and lagoons.

**PROCESS :**

The process is designed according to waste type and standards discharge as follow :

- **Waste discharge from trucks « A » with automatic flow counting**, to a pre-treatment with stones trap, in line crusher and automatic screen.
- **Sludge dewatering « B »** with physico chemical treatment and filtration screening inside a container.
- **Biological treatment « C »** of the water coming from the sludge filtration in order to eliminate the organic matters.
- **Tertiary Treatment « D »** by sand or activated carbon filter and disinfection, if needed and/or to reuse the water.
- **Biological sludges dewatering « B »** sludges from the biological treatment are treated into the filtration container.

**TREATED WATER DISPOSAL :**

- Municipal sewer network.
- Or Land discharge.
- Or on site reuse.

