

# Taupinière

Le Diamant, Martinique, France

## CAPACITY

72 kg / BOD<sub>5</sub> / d  
1200 PE



## PRESENTATION

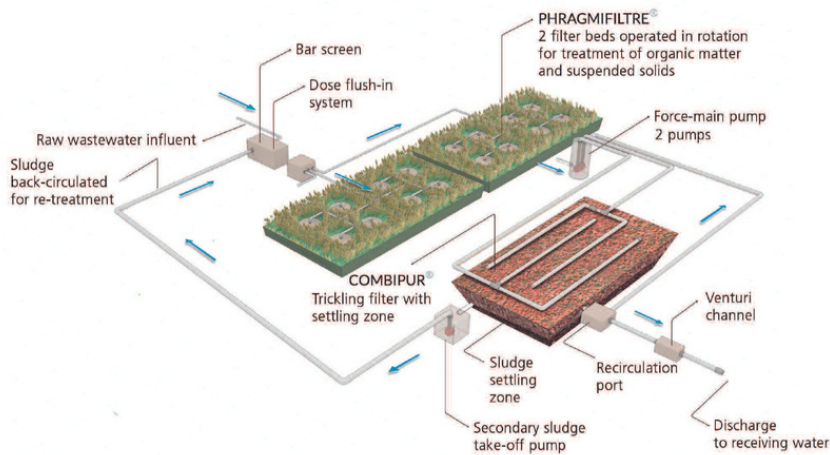
**Contracting authority :** Communauté d'Agglomération de l'Espace Sud Martinique

**Operator:** Société Martiniquaise des Eaux

**Design/Construction :** Syntea / COTRAM assainissement

**Commissioning :** 22/10/2014

## TREATMENT PROCESS CHAIN



Scheme: Syntea, Combipur system © Epur Nature

### Combipur® process

- Pre-treatment: screening
- Stage 1: unsaturated/saturated vertical filter - Heliconia psittacorum plant
- Stage 2: Low-load trickling filter bed - sludge recirculation to stage 1
- UV disinfection

## PURIFICATION PERFORMANCE

Measured during the ATTENTIVE project

Parameters	COD	BOD <sub>5</sub>	TSS	NK	NT
Average yields	94 %	96 %	98 %	96 %	68%
Average outlet concentrations	50 mg/l	15 mg/l	7.7 mg/l	0.7 mg/l	26.3 mg/l