

Maupeou

 Rivière-salée, Martinique, France

CAPACITY

48 kg / BOD₅ / d
800 PE



Picture: INRAE

PRESENTATION

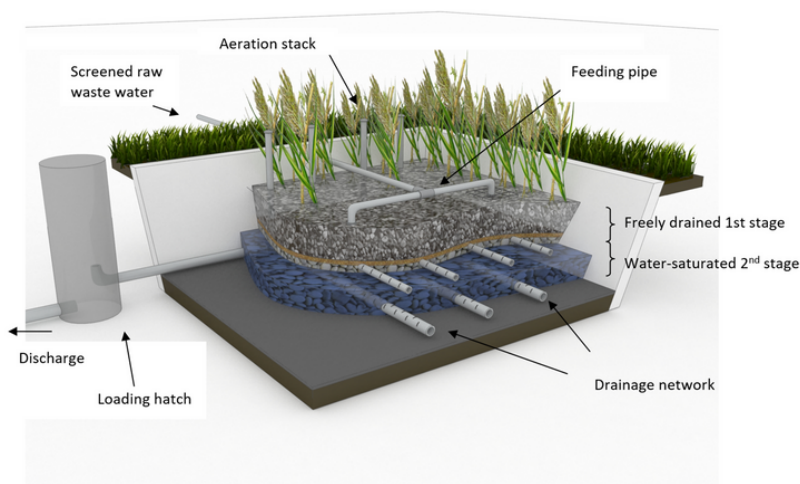
Contracting authority : Communauté d'Agglomération de l'Espace Sud Martinique

Operator: Société Martiniquaise des Eaux

Design/construction : Synthea / COTRAM assainissement

Commissioning : 02/02/2023

TREATMENT PROCESS CHAIN



Scheme: Synthea

- Pre-treatment: screening
- Stage 1: unsaturated/saturated vertical filter - *Heliconia psittacorum* plant

PURIFICATION PERFORMANCE

Measured on a similar treatment wetland plant during the ATTENTIVE project

Parameters	COD	BOD ₅	TSS	NK	NT
Average yields	88 %	93 %	95 %	70 %	66 %
Average outlet concentrations	105 mg/l	31 mg/l	17.2 mg/l	26.8 mg/l	28.9 mg/l