

## REFERENCE 2010 - 6

### WATER FROM DIGESTER



**Waste Water:**

Effluent from municipal WWTP Digester  
Central offtake station

<b>Input data</b>	:	COD	: 570 - 1846	mg/l
		pH	: 6,4 - 7,5	
		NH <sub>4</sub>	: 15 - 72	mg/l
		NO <sub>3</sub>	: 1,2 - 3,7	mg/l
		P <sub>tot</sub>	: 14 - 66	mg/l
		Q	: 15	m <sup>3</sup> /h

#### ENVIMAC WWTP with Submerged Fixed Bed Reactor

Fixed Bed Volume	=	72 m <sup>3</sup>
Specific surface	=	150 m <sup>2</sup> /m <sup>3</sup>
Specific surface load	=	40 g BSB/m <sup>2</sup> *d
Sedimentaion volume	=	36 m <sup>3</sup>

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**Digester WasteWater**

