

**Location**  
Sable sur  
Sarthe,  
France

**Application**  
Waste water  
physico-chemical  
treatment

**Equipment**  
MCH 12

**Year**  
2002



## Case history brief:

**Location:** Sable sur Sarthe, France  
**Application:** Waste water physico-chemical treatment  
**Capacity:** 120 m<sup>3</sup>/hr  
**Clarification:** SST, COD and BOD removal  
**Chemicals:** Coagulant: FeCl<sub>3</sub> – Polymer: Anionic  
**Installation:** 2002

## Case history features:

Raw water:		Clarification required:		Results:	Details:
Flow:	120 m <sup>3</sup> /hr				Start-up: 2003
COD:	3.000 mg/l	COD:	30%	COD: 80%	Coagulant: FeCl <sub>3</sub>
BOD <sub>5</sub> :	2.000 mg/l	BOD <sub>5</sub> :	20%	BOD <sub>5</sub> : 80%	Polymer: Anionic
SST:	600 mg/l	SST:	15%		Pressur. rate: 30%
NTK:	212 mg/l	NTK:	15%	SS: 92%	
		MEH:	90%		



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Coagulation tank  
Gangway to the unit



Pressurization system (dissolving tube and pump)



Side of the KWI Megacell MCH 12



Air panel in a case protection with its display rotameter and regulation