



Design by computer

Workshop

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Content

- Calculation programs
- Project details / Water specification
- IXCalc
 1. Water demineralization
- CADIX

Project details

- Flow rate 300 m³/h
- Well water
- Conventional pretreatment
- Runtime 12 hrs
- HCl / NaOH as regenerant chemicals
- Counter current technology
- Minimized discharge
- Quality demand : <2 uS/cm / <50 ppb SiO₂

Water specification Case 1

Case 1						
SCI Cambridge 2012						
Low TDS						
	meq/l		meq/l			
Ca	0,7	Cl	1,1	pH	8,3	
Mg	0,3	NO3	0	T	5	dC
Na	1	SO4	0,2	TSS	0,1	ppm
K	0			organics	20	ppm KMnO4
		HCO3	0,7			
		SiO2	0,25			



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