

# Combination system SBR – constructed wetland – sewage sludge drying reed beds in Seoul, South Korea

Client:  
Hansu Landscape Co.  
205-8 Dongkyo-dong  
Mapo-gu Seoul

Domestic sewage and sludge treatment by sequencing batch reactor (SBR), reed bed treatment system (RBTS) and sewage sludge drying basin (SSDB) of a landscape architecture company



Population equivalent:  
45 PE

Daily dry weather flow:  
6,8 m<sup>3</sup>/d

Volume SBR:  
18 m<sup>3</sup>

Planning and construction:  
2006

Space requirement for constructed wetland:  
90 m<sup>2</sup>

Space requirement for sludge drying basin:  
26 m<sup>2</sup>

	Influent concentration	Effluent concentration SBR	Effluent concentration constructed wetland
BSB5	70,4	16,6	6,1
CSB	144,5	20,1	18,5
Total Nitrogen	15,87	8,2	7,63
Total Phosphorus	3,28	1,22	0,78

