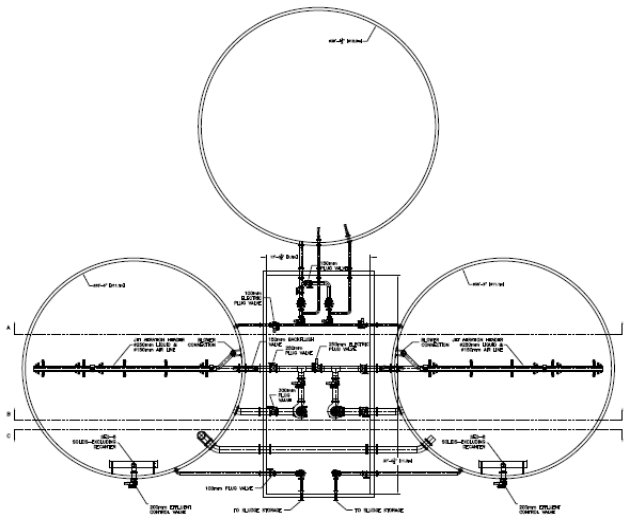


Sequencing Batch Reactors



Case Study Details

DESIGN CRITERIA	INFLUENT	EFFLUENT
160 m ³ /d ADF, 200m ³ /d		
BOD:	1200 mg/l	300 mg/l
TSS:	2000 mg/l	350 mg/l
TKN:	1775 mg/l	100 mg/l

H2flow supplied the SAM SBR for treating this high strength wastewater. The wastewater is generated from dewatering wasted anaerobic digestion solids. In addition it supplied the glass fused to steel tanks as an integrated package. The tanks are covered with roofs and are 12m diameter by 7.4m tall. There is one equalization tank and two reactor tanks.

There were a total of eight tanks supplied, including two main 20m diameter by 20m tall anaerobic digester tanks.

Engineering Consultant: AECOM
Start-Up: 2012