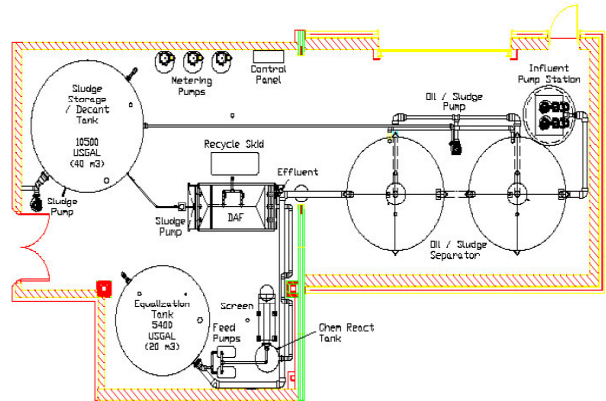


## Dissolved Air Flotation System



### Case Study Details

PARAMETER	INFLUENT	EFFLUENT	REQUIRED EFFLUENT
BOD(mg/l):	11000	<1000	1500
TSS(mg/l):	5600	<200	350
O&G(mg/l):	1000	<50	100
P(mg/l)	90	<10	40
pH:	4.5	6.8	5.5-9.5

FLOW: 30 usgpm      Year: 2003

The food processing industry regularly looks for effective technologies to remove fats, oils and greases (FOG) from food processing wastewater at acceptable costs. The dairy and bakery industries, as well as manufacturers of oil-containing foods, such as salad dressing and margarine, face the difficulty of minimizing the oil contaminant load to downstream wastewater systems. Dissolved air flotation is a well-accepted method of FOG removal. Through the addition of coagulants and flocculants, effective and efficient separation can be achieved.

H2Flow Equipment specializes in complete turnkey treatment systems featuring DAF technology and has several installations in the industry with experience in a wide range of flowrates.