



Dissolved Air Flotation, DAF

DAF units are commonly used to remove the following contaminants from waste water:

- Suspended solids
- Oil
- Grease
- Fat

DAFs are commonly employed in the food, petrochemical and paper industry.

The DAF greatly enhances the combining of small particles to create larger particles which then sink to form sludge.

Similarly oil droplets coalesce and form a larger droplet which floats to the surface. The dissolved air also aids the flotation of neutral buoyancy contaminants such as grease and fat, which then float to the surface to be removed by a scraper.



Foam on a DAF removed by a Scraper



See above a mini DAF but OPS can create bespoke designs for DAFs – eg. mobile 20ft shipping containers