



Ogden Water  
Ltd.

Recent Projects

By  
Dr. David Shepherd

# Ogden Water – The Company



Ogden Water Ltd. are currently moving into a new facility that will comprise office space, full workshop and laboratory testing areas as well as brand new manufacturing bays.

This will allow the company to grow and meet the demand of interest in our new technologies.

Ogden Water Ltd  
Advanced Manufacturing Park  
Catcliffe  
Rotherham  
S60 5WG

**Telephone:**  
01142 847 348

**Email:**  
[info@ogdenwater.co.uk](mailto:info@ogdenwater.co.uk)

# Ogden Water – Key Products

## Ogden Water FilSys

Our new and innovative filtration system fills the gap in the physical separation market between traditional wedge wire based systems capable of filtering to 1mm and traditional sand filters capable of filtering from 50 microns.

This 50 to 1000 micron particle size segment is extremely important in the food and drink manufacturing industry as it can represent anything up to 70% of the total volume of solids found in waste water streams.

Units are on currently trial with water authorities, the Environment Agency as well as a multitude of food processors.

This is in addition to the sale of nearly 20 units in the last 18 months.

# Ogden Water – FilSys Benefits

- Capable of filtration down to 50 microns
- Energy efficient and extremely simple and straight forward design principles - just 2 moving parts
- Maintenance free except for annual services
- Requires just 100 litres per hour of water for cleaning purposes, a reduction of up to 98% on traditional wedge wire systems
- Benefits down stream treatments:
  - Reduced sizing of balance tanks - Cap Ex reduction
  - Reduced sizing of settlement tanks/ DAF cells
  - Reduced chemical consumption of DAF cells due to reduced solids loading
  - Reduced DAF cell run time and therefore energy costs

# Ogden Water – Recent projects

- Meat processing factory - mainly duck, chicken and ham
- January to March 2009

A full turn-key installation of DAF plant, pH correction and monitoring, solids monitoring, sludge tank, polymer make-up system, chemical supply, on-going service and support package



# Ogden Water – Recent projects



10m<sup>3</sup>/hr DAF plant

30m<sup>3</sup> sludge tank

Typical discharges:

TSS = < 200 mg/l (90% plus reduction)

FOG = < 100 mg/l (80% plus reduction)

Settled COD = 2500 mg/l (65% plus reduction)



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# Ogden Water – Recent projects

- Ready meal and soups and sauces manufacturer
- January and April 2010

A full turn-key installation including civils work for sump generation, FilSys Model 1, pH correction and monitoring, solids monitoring, sludge tank, chemical supply, on-going service and support package



# Ogden Water – Recent projects



Flow rate up to 40m<sup>3</sup>/hr

Typical discharges:

TSS = < 200 mg/l (60% plus reduction)

FOG = < 200 mg/l (50% plus reduction)

Settled COD = 2000 mg/l (40% plus reduction)

# Ogden Water – Recent projects

- Ready meal and soups and sauces manufacturer
- January and April 2010

A full turn-key installation including civils work for sump generation, balance tank, DAF cell Model 25, pH correction and monitoring, solids monitoring and automatic chemical dosing, sludge tank, chemical supply, on-going service and support package



# Ogden Water – Recent projects



30m<sup>3</sup> aerated  
balance tank

20m<sup>3</sup>/hr DAF plant

30m<sup>3</sup> sludge tank

Typical discharge:

TSS = < 200 mg/l (90% plus reduction)

FOG = < 100 mg/l (80% plus reduction)

Settled COD = 2500 mg/l (65% plus reduction)

# Ogden Water – Recent projects

- Desserts and ready meals manufacturer
- October 2009

Installation of a DAF cell Model 25, pH correction and monitoring, solids monitoring and automatic chemical dosing, sludge tank, chemical supply, on-going service and support package



# Ogden Water – Recent projects



30m<sup>3</sup>/hr DAF plant

10m<sup>3</sup> sludge tank

Typical discharge:

TSS = < 100 mg/l (80% plus reduction)

FOG = < 100 mg/l (80% plus reduction)

Settled COD = 1000 mg/l (60% plus reduction)