



**PROVIDING A STRATEGIC AND ENVIRONMENTALLY
RESPONSIBLE APPROACH TO GREASE MANAGEMENT**

BUILDING REGULATIONS AND THE WATER INDUSTRY ACT

- THE BUILDING REGULATIONS 2010 – DRAINAGE AND WASTE DISPOSAL 2002 ADDITION INCORPORATING 2010 AMENDMENTS WHICH STATES:
 - 2.21 DRAINAGE SERVING KITCHENS IN COMMERCIAL HOT FOOD PREMISES SHOULD BE FITTED WITH A GREASE SEPARATOR
COMPLYING WITH BS EN 1825-1:2004 AND DESIGNED IN ACCORDANCE WITH BS EN 1825-2:2002 OR OTHER EFFECTIVE MEANS OF GREASE REMOVAL.
- [WATER INDUSTRY ACT 1991](#)
- IT IS A CRIMINAL OFFENCE UNDER SECTION 111 OF THE WATER INDUSTRY ACT 1991 TO DISCHARGE INTO THE PUBLIC SEWERS ANY MATTER WHICH MAY INTERFERE WITH THE FREE FLOW OF WASTEWATER. IN ADDITION, WHERE THE WATER COMPANY HAS INCURRED COSTS IN DEALING WITH THE DETRIMENTAL EFFECTS ON THE SEWERS E.G. REMOVING BLOCKAGES CLEANING SEWERS, INVESTIGATING AND REMEDYING FLOODING OR POLLUTION INCIDENTS, IT CAN TAKE LEGAL ACTION TO RECOVER THESE COSTS. PROSECUTION CAN RESULT IN SUBSTANTIAL FINES OR EVEN IMPRISONMENT.

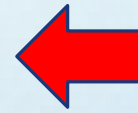


OUR PROPOSAL IS TO WORK WITH OUR CLIENTS AND SUPPORT THEM WITH A STRATEGIC APPROACH TO GREASE MANAGEMENT.

TO BECOME A DEDICATED POINT OF CONTACT IN THEIR BUSINESS FOR ALL FOG (FATS, OILS & GREASE) RELATED ISSUES.

TO OFFER BEST VALUE WITH THE BEST PRODUCT OF ITS TYPE WHICH MEETS ALL OF THE REQUIREMENTS OF THE CLIENT, THE LOCAL WATER AUTHORITIES AND THE ENVIRONMENT AGENCY.

TO ENABLE THE CLIENT TO PROTECT THEIR SITES, THE MAIN SEWER NETWORK AND THE ENVIRONMENT BY DELIVERING A COST EFFECTIVE, SUSTAINABLE AND ENVIRONMENTAL SOLUTION TO LOCAL, SHARED PRIVATE AND MAIN SEWER FOG RELATED DRAINAGE PROBLEMS.



ON SITE ISSUES

- FOG BLOCKAGES & FLOODING
- PUMP STATION & TREATMENT PLANT BREAKDOWNS

LWA, EA & LANDLORDS

- SITE INSPECTIONS FOLLOWING MAIN SEWER BLOCKAGES/FLOODING
- TARGETED MULTI SITE BUSINESS'
- CONCESSION SITES
- LANDLORD INSTRUCTED AUDITS

THE PRODUCT

GreaseShield™



GreaseShield™

THE FIRST PROACTIVE GREASE TRAP TO DEAL WITH EMULSIFIED AND SATURATED ANIMAL FATS AND FOGS, BEFORE THEY SOLIDIFY!

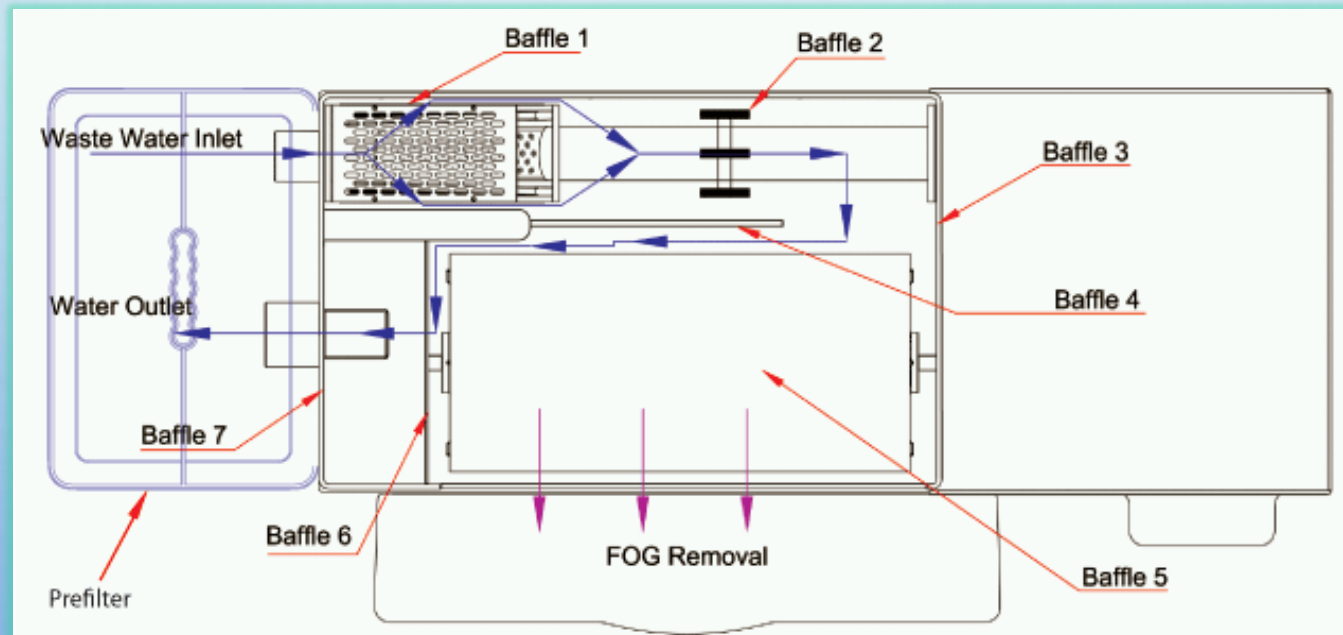
GREASESHIELD™ IS A PRO-ACTIVE MECHANICAL GREASE TRAP TAKING ADVANTAGE OF WASTE THERMAL ENERGY PRESENT IN EFFLUENT BEING DISCHARGED FROM COMMERCIAL KITCHENS TO REMOVE EMULSIFIED FOGS, PARTICULARLY SATURATED ANIMAL FATS BEFORE THEY SOLIDIFY. GREASESHIELD™ WORKS TO REMOVE AND DEWATER ORGANIC SOLID MATTER THAT IS TYPICALLY ENTRAINED IN THE EFFLUENT PREVENTING ANAEROBIC FOUL SMELLING CONDITIONS BROUGHT ABOUT BY BIOLOGICAL ACTIVITY, DEPLETING DISSOLVED OXYGEN PRESENT IN THE EFFLUENT.

- **Automatic Grease Separation**
- **Automatic Solids Removal**
- **Self Emptying**
- **Self Cleaning**
- **No Pumping Required**
- **No Enzymes Or Chemicals**

How It Works

Automated FOG Separation

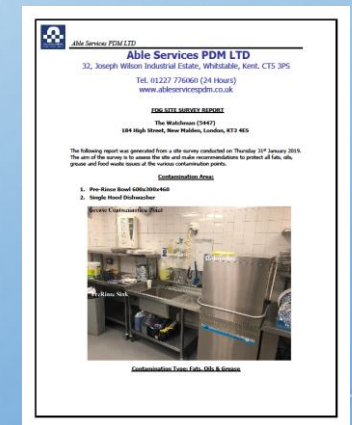
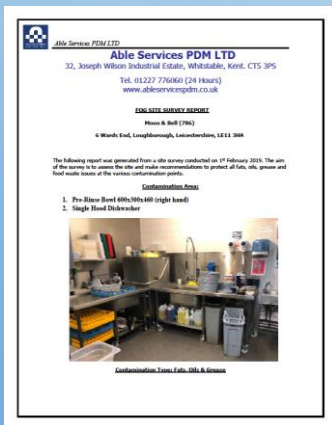
A number of co-operating Baffles and a reverse flow direction together with the difference in specific gravities of FOGs and water assist in retaining FOGs and help to counteract emulsified contaminants. Other features include the use of waste thermal energy, PLC control ability to work 24/7, automated recirculation which enhances the efficiency of FOG removal, Low Level sensors and simplicity of operation, removing the need for staff to access the internal of the unit.



Main Contamination Points



CONTAMINATION POINT SURVEYS ARE CONDUCTED TO IDENTIFY THE FOG CONTAMINATION POINTS ON SITE.
WE THEN PROVIDE A SITE SPECIFIC REPORT WITH THE RECOMMENDED GREASESHIELD PRODUCTS REQUIRED TO PROTECT THE SITE



GREASESHIELD BENEFITS

- PROACTIVE GREASE RECOVERY SYSTEM.
- SUPERIOR PERFORMANCE TO ANY COMPETITOR.
- USER FRIENDLY, SIMPLE AND EASY TO OPERATE.
- NO HEATING ELEMENT AND NO RISK OF A FOG FIRE.
- AUTOMATIC REMOVAL OF FATS, OILS, GREASE AND FOOD WASTE.
- LOWEST ENERGY CONSUMPTION OF ANY GREASE REMOVAL UNITS.
- LOW RUNNING COSTS (AVE. £700 PER YEAR LESS THAN SIMILAR TYPE PRODUCTS)
 - LWA & EA APPROVED
- THE ONLY **GREEN ECO** CERTIFIED RANGE OF GREASE RECOVERY UNITS.



Product Summary

- ✓ Eliminate FOG Related Drain Blockages
- ✓ Reduce Reactive and PPM Costs
- ✓ Harvest Sources Of Renewable Energy
- ✓ Limited site staff involvement, very clean daily process
- ✓ Avoid The Risk Of LWA and EA Prosecution and Fines
- ✓ A Uniform approach to responsible grease management
- ✓ Local Water Authority approved product
- ✓ Landlord approved product
- ✓ Product is available in a range of sizes to suit every installation



Award Winning Technology



Able Services PDM Ltd
Plumbing • Drainage • Mechanical



GreaseShield™



"The Best Greasetrap in the World"

GreaseShield™



GS1850 LL

16 AWARDS IN 7 YEARS

- 2014 Catering Insight - Catering Equipment of the Year - Highly Commended - UK
- 2014 Hostelco Winner of Award for Innovation and Sustainability - Barcelona, Spain
- 2014 Green Hospitality Award for Best Supplier/ Product in Waste Management - Ireland
- 2014 Kitchen Innovations Award Winner - National Restaurant Association - USA
- 2014 Hotelympia 'Highly Commended' Innovations Award - UK
- 2013 Smart Label Award for Environmental Sustainability & Functional Innovation - HOST Fiera - Milano, Italy
- 2012 'Prix de L'Innovation' - SalonDes Maires - France
- 2012 'Environmental Innovation Award 2012' - Resource Ireland
- 2012 'Environmental Innovation Visitors Vote' - Resource Ireland
- 2012 Best New Catering Equipment Innovation Highly Commended - Gulfood Awards, Dubai
- 2012 Best Environmental Sustainability Initiative Highly Commended - Gulfood Awards, Dubai
- 2011 FCSI 'Highly Commended' - Sustainable Catering Equipment Award 2011' for GreaseShield - Ireland
- 2010 Green Hospitality Award for Innovation - Northern Ireland
- 2010 Innovation in Industry Award - Northern Ireland
- 2009 Eco Innovation Award - France
- 2009 Best Equipment Product - Ireland

FilterShield™

NO MOVING PARTS!
NO ENERGY COSTS!
NO PROBLEMS!!

No Membrane Filter
to Replace!



GenieH2O
HOT WATER ON DEMAND

FLEXIPLUMB.®



PLUMBING MADE EASY WITH THE
FLEXIPLUMB RANGE



and



Your Strategy to **GREASE MANAGEMENT**