

FAT/ GREASE CONTROLLED CHEMICAL DOSING SYSTEM

Application

Pump stations in the immediate vicinity of food producing premises often suffer from the build up of fat within the wet well chamber.

Fat brought down the pump station inlet pipework floats on the water level within the wet well and slowly accumulates on the equipment mounted within the wet well and on the chamber walls themselves.

Most proprietary solutions to this problem rely upon a method of keeping the fat in suspension rather than letting it coagulate.

Design/Equipment

Southern Pump Services Limited can now provide a new solution based upon a new concept in fat control for new or retro fitting to existing wet well chambers.

Southern Pump Services Limited can now provide and deliver effectively, a mix of four specially selected micro-organisms to digest naturally the grease, proteins, starch and cellulose of enzyme dosing.

A simple and compact dosing system provides a high-pressure supply of chemical to a spray bar mounted within the wet well, enabling you to regulate either the flowrate or run time which can almost infinitely control the quantity of chemical delivered.

The spray bar is equipped with misting nozzles to allow the dispersal of a very fine droplet based mist into the wet well. This mist descends onto the entire surface of the wet well allowing the digesting agent to make contact with all deposits whether on the water surface or on the chamber walls.

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Scope of Supply

EDC “Enzyme Dosing Chemical” (for up to 6 months use*)
LMI dosing pump (1~ 230V, 50Hz)
Fabricated pump stand to suit site conditions
Spray bars
Suction and Delivery Pipework
Injection fittings
Control system

Health and Safety Paperwork
Standard General Arrangement Drawings

(Optional) GRP kiosk 1250mm(High) x 750mm(Wide) x 400mm(Deep)
All kiosks come with a varnished backboard & locking facility
Other materials of construction available , Polypropylene , Steel and Stainless Steel are just few

PUMP AND PUMPING EQUIPMENT MUST BE MOUNTED WITHIN 4 METRES OF WET WELL CHAMBER

* Extra EDC “Enzyme Dosing Chemical” available at an additional cost

Southern Pump Services Limited recommends a minimum six months routine maintenance contract be taken out with this equipment which should also include of replacement EDC “Enzyme Dosing Chemical”

Southern Pump Services Limited would be pleased in offering assistance to assemble and position all equipment within the confines of wet well chamber, connect the various spray bars, injectors, suction and delivery pipework test and commission all equipment on site
contact Southern Pump Services Limited for further details

THIS WORK WOULD BE CARRIED OUT BY A TEAM OF CONFINED SPACE ENTRY TRAINED ENGINEERS WITH ALL THE NECESSARY HEALTH AND SAFETY EQUIPMENT AND CERTIFICATION

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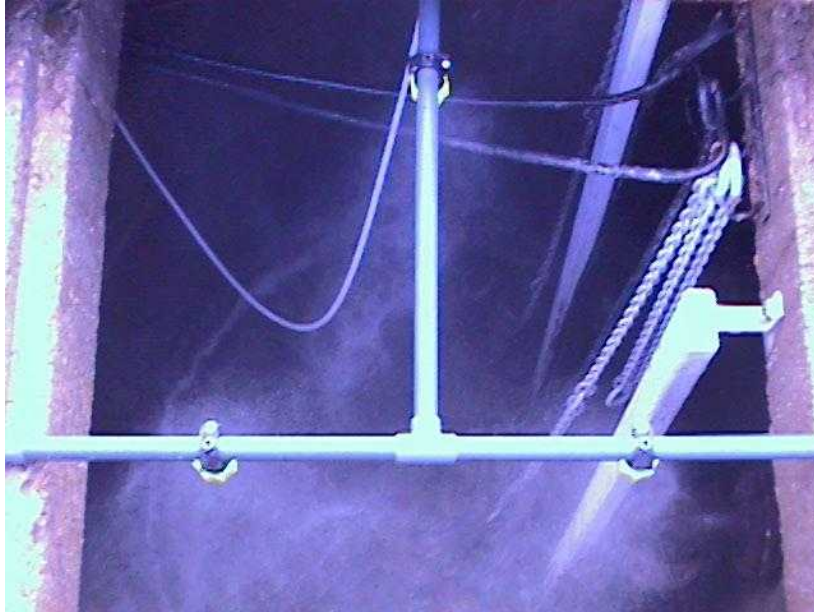
Should you require a maintenance contract with emergency response cover, please contact Southern Pump Services Limited for further information



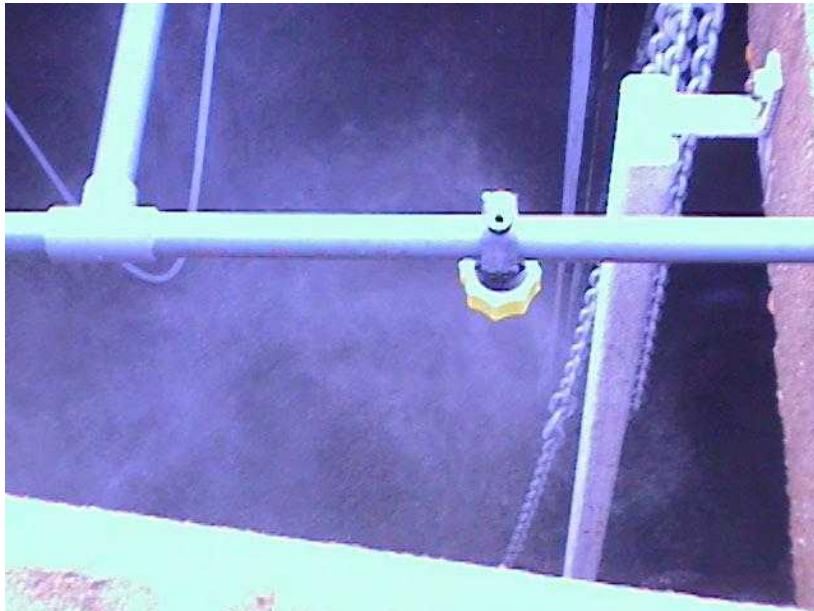
Compact delivery system can be easily mounted within a weather-proof kiosk if outside, or wall mounted if inside.

Specialist in Foul & Storm Water Pumping Stations
Installation | Maintenance | Service

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Up to 5 misting nozzles create an injection system within the wet well.



Each misting nozzle will create a fine droplet spray to disperse the EDC "Enzyme Dosing Chemical" throughout the wet well.