



clearFAS™

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PLUG-AND-PLAY PACKAGED WASTEWATER TREATMENT SYSTEM

The Ovivo clearFAS System is a compact, packaged plant for the treatment of domestic and industrial wastewater.



Worldwide Experts in Water Treatment

WHAT IS clearFAS?

The Ovivo clearFAS System is a packaged plant, low-energy solution including high-performance Integrated Fixed-film Activated Sludge (IFAS) technology and high-efficiency flat plate PU ultra fine bubble diffusers using low energy. Tube/Plate Settlers are used to separate sludge from treated water.

A clearFAS system includes an IFAS tank(s) and tube/plate settlers, air blowers and RAS/WAS pump. The clearFAS tanks and pipework are manufactured in mild steel with special epoxy paint. No specialist operation is required.



OPERATION

The clearFAS wastewater treatment system is designed to provide biological treatment for sewage and industries. The system can achieve an effluent quality of 20 mg/l BOD, 30 mg/l TSS, and 1 mg/l ammonia for 95 percent of the time. Utilizing decades of experience in IFAS technology, Ovivo has developed a solution robust enough to handle fluctuating flows and loads. The clearFAS system is ideally suited to smaller works where intermittent loading can be a particular problem.

DESIGNED WITH FLEXIBILITY IN MIND

clearFAS units can be installed as a permanent solution, to provide temporary treatment for emergencies, or as part of a planned works maintenance program. clearFAS system is available from flow range of 20 KLD (3.7gpm) to 250 KLD (46 gpm).

BENEFITS

- Temporary or permanent schemes
- Above ground installations
- Meets regulatory requirements
- Municipal and industrial applications
- Plug & play rapid start-up
- Minimal maintenance required

HOW WE CREATE VALUE

- Extends commercial life of failing or overloaded works
- Reduces land use costs
- Reduces discharge consent failures
- Robust design reduces whole life costs

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KEY FEATURES



ENVIRONMENTALLY FRIENDLY
Increased Life



ODOURLESS
Complete Aerobic System



ENERGY EFFICIENT
Fixed media with ultra fine bubble



RAPID INSTALLATION
Pre fabricated Unit



FEW MOVING PARTS
Operator friendly



COST SAVINGS
Minimal maintenance required