

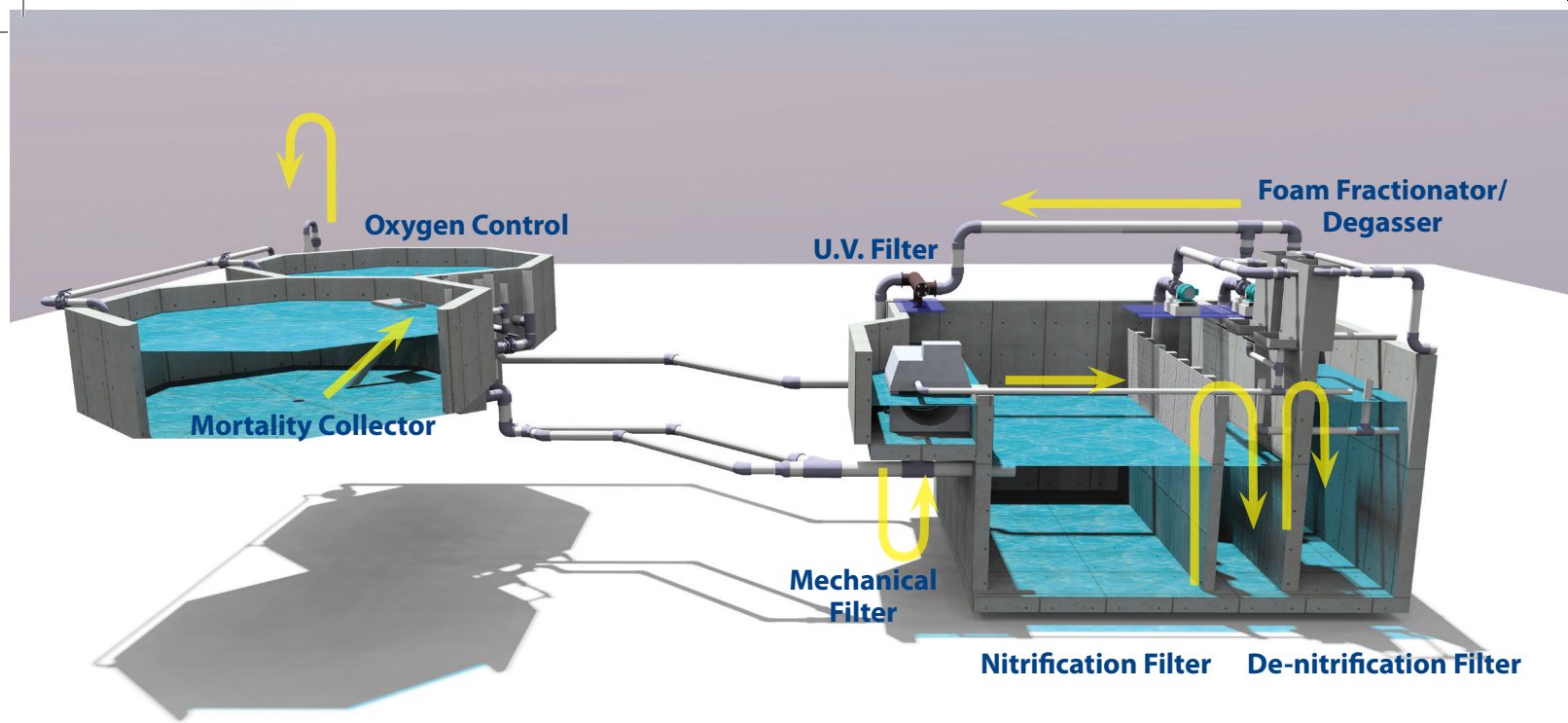
Aqua EcoSystems

Aqua EcoSystems UK Ltd.
17a Westbourne Grove, West Kirby, Wirral CH48 4DJ

+447933853246
chrisc990
info@aqua-ecosystems.com
www.aqua-ecosystems.com

Company no. 09458024
VAT no. GB 252 9604 96

Specialist Aquaculture Consultants
Recirculating Aquaculture Systems (RAS)



Aqua Ecosystems UK. Ltd (AES) is a consultancy based in Wirral, United Kingdom, operating within the Aquaculture industry. AES are specialists in designing, engineering and installing Recirculating Aquaculture Systems (RAS) for commercial operations, R & D facilities and many other supporting systems.

AES is committed to developing the most cost effective and efficient systems for its clients but also delivering state of the art solutions that are configured with industry leading hardware and technology.

Rigorous attention to detail during design and engineering and a customised approach ensure AES always delivers unique and bespoke systems for every project. Because every project has its own unique requirements (species, location, market, client ambition) AES firmly believes that each project must be a “bespoke” development in order to achieve the maximum efficiency. AES do not believe in “off-the shelf” systems to fit every solution but do maintain the same robust principles for development and a professional and attentive client orientated service for each project.

Our Services

Production Planning

Bill Of Quantities

Item	Quantity	Unit	Material
1. Mechanical Filter	1	Unit	Stainless Steel
2. U.V. Filter	1	Unit	UV-C
3. Nitrification Filter	1	Unit	Plastic
4. De-nitrification Filter	1	Unit	Plastic
5. Foam Fractionator/Degasser	1	Unit	Stainless Steel

Biological System Planning

Technical Plans

System Engineering

Construction & Installations

Specialised in RAS

- AES systems routinely include;**
- Mechanical filtration (Drum filter),
 - Biological filtration (Moving bed filter),
 - Chemical filtration (Ultra violet),
 - Degassing and Foam fractionation (Specialised protein skimmer),
 - Oxygen control systems (Pressure cones) and Full system
- monitoring and control as well as all pumps and pipe work.
- Options;**
- Feeding Robots
 - Denitrification Systems
 - Dewatering Systems
 - Advanced Oxidation Processes

Our Process

Aqua EcoSystems follows a standard working process for every project and encourages full client awareness of every stage to aid the developmental process.

Initial Consultation

Information gathering from the client including Species, Production levels, Operational units required and location variables.

Conceptual Design

A series of developmental stages which result in a fully formed project, including initial 3D designs. This stage allows for a realisation of project scale, OPEX, CAPEX and an important pause and review opportunity for the client.

Project Approval

After review/ amendment and confirmation of the approved Conceptual Design; detailed planning and engineering begins. Documents are produced for the client at every milestone and for the required contractors.

System Installations and Commissioning

AES will install the specialist RAS equipment and work with the local contractors to ensure an aquaculture specific construction is achieved. Upon completion we will commission the systems.

Aqua EcoSystems deliver systems with tried and tested “Aquaculture specific” equipment. We work closely with our suppliers to develop bespoke aquaculture production units, broodstock/hatchery/ nursery systems and R & D units.

Our systems can perform with extremely low levels of water exchange (<5% water exchange) which enables us to maintain water conditions without high operational costs.



AES Worldwide

Numerous successfully completed projects



AES has experience of developing projects throughout the world. From developing commercial aquaponics systems in the U.S.A. to state-of-the art full production systems in Belgium, Wales, Scotland and England. We have experience to deliver and support your project from initial concept designs through to commissioning of your RAS.