

A fish farm is of course more than just a tank filled with water and fish swimming in it. A fish farm is a sophisticated system in which all vital elements are kept under control. For one, fish containment systems employ an array of complex interconnected sensors that detect any significant signs of diseases, viruses, bacteria and parasites that the fish may suffer from. Also, fish waste and uneaten feed in these closed environments form ammonia. A high concentration of ammonia in fish is considered deadly as it may lead to organ damage. Therefore, scientists have developed a cutting-edge biofiltration technology to break down fish waste into nitrogen that supports natural productivity in aquaculture