



## LARGEST PROFESSIONAL PIKE-PERCH HATCHERY CHOOSES VGE

**“Bacterial pressure has decreased by 70%”**

### Kaiserzander’s Challenge

Located in Niederlangen, Germany, is Europe’s largest pike-perch hatchery. With a total water volume of 400 m<sup>3</sup> across various RAS systems. Despite operating a state-of-the-art facility, achieving the desired production levels remained a challenge. At times, some customers had to be disappointed due to insufficient stock.

To meet market demand, Kaiserzander needed to increase production. Reducing bacterial pressure was identified as a key factor in achieving this goal. However, the existing UV system proved to be inadequate.

### The Solution

During a site visit, we assessed the situation and identified potential issues with the existing UV system. After conducting tests in the VGE lab, it became evident that the UV-C intensity of the old system stabilized well below peak performance, resulting in inadequate disinfection levels. Based on these findings, Kaiserzander decided to switch to VGE Pro Immersion systems, which can be integrated without

modifications to the filtration or piping infrastructure. Since the switch to the new UV system, bacterial pressure has decreased by 70%, leading to a significant reduction in daily fish mortality and a notable increase in overall production.

### Why VGE?

*“VGE expressed a strong interest in helping us solve the issue. Later, I came to recognize VGE’s extensive aquaculture expertise in analyzing such cases and developing a tailored solution for our existing RAS system. In addition, VGE offers a wide range of UV systems, ensuring there is always a suitable model for every application and facility. Their systems are also continually enhanced to meet the latest standards in aquaculture”.*

