H2O Biofouling Solutions B.V.

BIOFOULING MONITORING SERVICE

Do you have adequate biofouling control to protect your equipment and pipes?

Biofouling in the cooling water system can have dire consequences on unit operations and may cost millions of dollars in operational inefficiencies and down time.

H2O's biofouling monitoring service combines Biovision Monitor™, a proprietary biofouling detection technology, and expert analysis to provide timely and continuous assessment of the effectiveness of the applied biofouling treatment.

Our monitor is placed at a critical point in the intake/cooling system to provide real-time insight. If the treatment is not effective, it will immediately reveal the presence of biofouling organisms.

DETECT NEW INVASIVE SPECIES

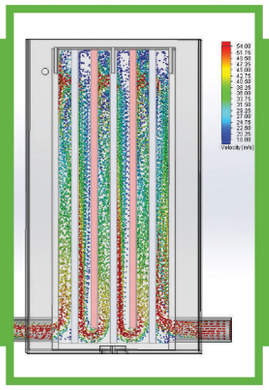
Biofouling treatment is typically established based on the species found at your location. However, when new invasive species enter the surrounding water, treatment requires adjustment. Our monitoring service detects new species, so that you can quickly take corrective action.

SERVICE PACKAGE INCLUDES:

- Identification of best location(s) for biofouling monitoring
- Installation and commissioning of Biovision Monitor™
- Bi-weekly assessment with full reports by our experts. Data gathering options include site visit by company field technician or customer-assisted plate images.
- Expert advice

EXTERNAL VIEW

CFD MODEL - INTERNAL VIEW



INEFFICIENT CONTROL

EFFICIENT CONTROL

biovision

A service of H2O Biofouling Solutions B.V.

FEATURES & BENEFITS

- Designed to mimic real conditions of the cooling water system (construction materials and velocities)
- Detects broad range of species (for example: mussels, oysters, barnacles and hydroids)
- No power supply required
- Optional biofilm monitoring probe available

Dimensions: 73 x 40 x 40 cm
Weight: 7 kg

For all applications, we recommend a monitoring system to continuously gauge the effectiveness of your biofouling control regime.