

# AQUA-Q

Online Water Control & Ozone Application

Innovative Solution

Aquatrack™

your ultimate security for water  
monitoring/sampling



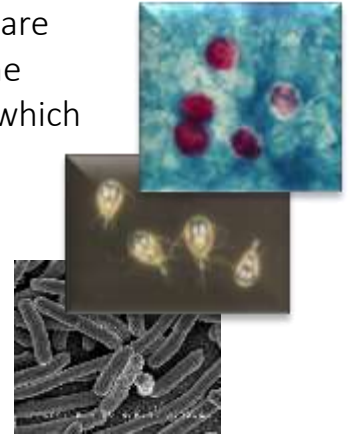
# The Challenge

## Pathogens in Water

Access to clean water of good quality is of vital concern for mankind globally. Especially on emerging markets the challenge is water borne diseases caused by pathogens.



The pathogens in drinking and treated waste water are our concern. The challenge for the world today is the pathogens like Cryptosporidium, Giardia and E-coli which can be found in source/lake, treated waste water and recycled water and occasionally in drinking water.



Real time monitoring and sampling with powerful disinfection with ozone gives controlled water safety.

## Technology

### Aqua-Q's Early Warning System for Water, Aquatrack™



Aqua-Q's system is optical, laser based monitoring system with automatic sampler which detects all possible forms of variations caused by contamination (natural, human error, process failure). The system has the possibility to communicate and remote access of data collection.

The software and its algorithm are the backbone of the system and keeps an eye on the cleanliness of water day and night and classifies it as: normal – critical – hyper critical.

Aquatrack™ gives:

Quality assurance – Cost saving – Greater efficiency

One very special feature of our system is that it captures automatically correct water samples at the time of contamination. Random sampling nor collective sampling is enough it is just good for statistics.

Early Warning System Aquatrack™ together with Quick Analysing Kit, MultiReader, is a powerful tool for quality assurance of a process.

MultiReader is validated according to ISO 16140:2003.



# Applications

## Aquatrack™

### Municipals:

- Monitoring of drinking, source/lake water
- Monitoring of treated sewage effluent water



### Industry:



- Recycling of water
- Textile industry
- Process water for Pulp and Paper
- Food, beverage and breweries
- Pharmaceutical and cosmetics
- RO based plants
- Water for hotels and hospitals etc...

Aqua-Q's strategy is to bring Swedish technology to the emerging markets by creating demonstration platform of its technology and adopting to the local conditions in co-operation with local partners.



Signing agreement with EBTC, India



Signing agreement with IVL Sweden

## Cleantech Company from Sweden

The company provides the core expertise on online water monitoring and sampling coupled with powerful ozone disinfection to kill pathogens in water. Aqua-Q delivers correct water sample for microbiological analyze.

The Aqua-Q team has 20+ years' experience from Swedish industrial and municipal water treatment.

At present Aqua-Q is engaged in both national and international research projects regarding tomorrow's waste water treatment and sensor development together with IVL (Swedish Environmental Research Institute), KTH (Royal Institute of Technology) and other stakeholders from Europe and Israel. Participates also in a European FP7 demonstration project R3 Water. Demonstration will be performed both in Sweden, Spain and Belgium.



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