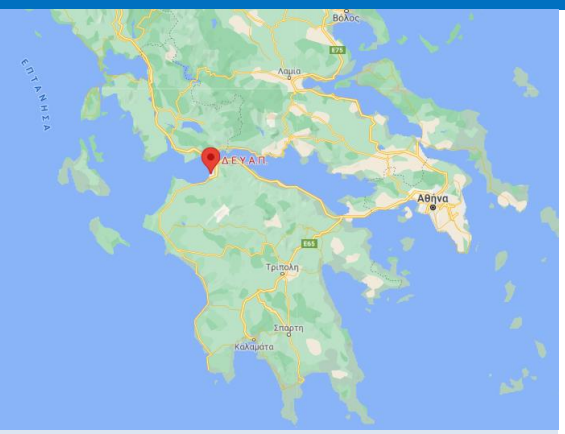
Case Study WASTE WATER MONITORING SYSTEM TO THE INLET OF WATER TREATMENT PLANT OF WASTE WATER TREATMENT UTILITY OF PATRAS CITY

ScientAct



Project ID:

Supply and installation of integrated waste water monitoring system to the inlet of waste water treatment plant.

The system has been installed in account of Waste and Drinking water treatment utility of ***Patras city.***

The system use last generation sensors and configurations with high accuracy and low maintenance and consumables requirements.

It is supported by powerful software for automatic process and debugging of the measurements.

IN BRIEF:

System : On-line waste water monitoring system

Area : Patras (Peloponnese)

Period : May 2020

ADMINISTRATOR:

Waste and Drinking water treatment utility of Patras city.

Important:

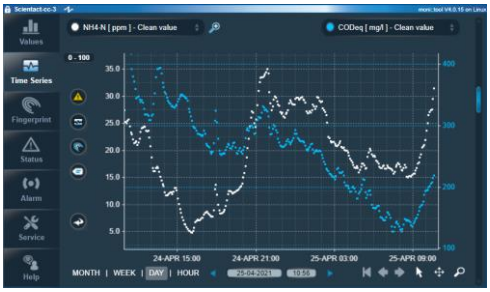
Access to the data via internet (telemetry)

Important:

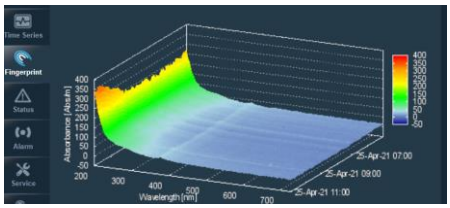
Measured parameters

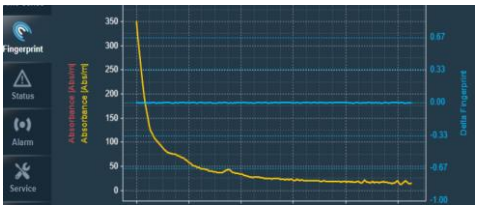
- ***BODeq***
- ***CODeq***
- ***TSSeq***
- ***DOCeq***
- ***UV254t***
- ***UV254f***
- ***NO3-Neq***
- ***pH***
- ***NH4-N***
- ***Potassium***
- ***Temperature***
- ***Full absorption spectrum***

The system measures all the parameters every 2 minutes. It has the ability for "self-training" and automatic detection of unusual conditions in the water quality footprint.



It receives UV/VIS absorption spectrums and via integrated algorithms, it detects events.





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