

Project ID:

In the framework of our cooperation with the company GEOSPATIAL ENABLING TECHNOLOGIES, as a contractor, for the supply, installation and operation of Environmental Observatory in the Municipality of Agrinio, entitled "Environmental Observatory of the Municipality of Agrinio", we undertook the supply, installation and operation of two water quality monitoring stations.

One station was installed in Lake Lysimachia and the second in Lake Trichonida.

IN BRIEF

System : Telemetric water quality monitoring stations

Area : Municipality of Agrinio, Lakes Lisimachia and Trichonida

Period : July 2021

ADMINISTRATOR

Municipality of Agrinio

Important !

Two of the most complete water quality monitoring stations

Important !

Combination of systems of worldwide top manufacturers

Important !

Extremely low maintenance requirements

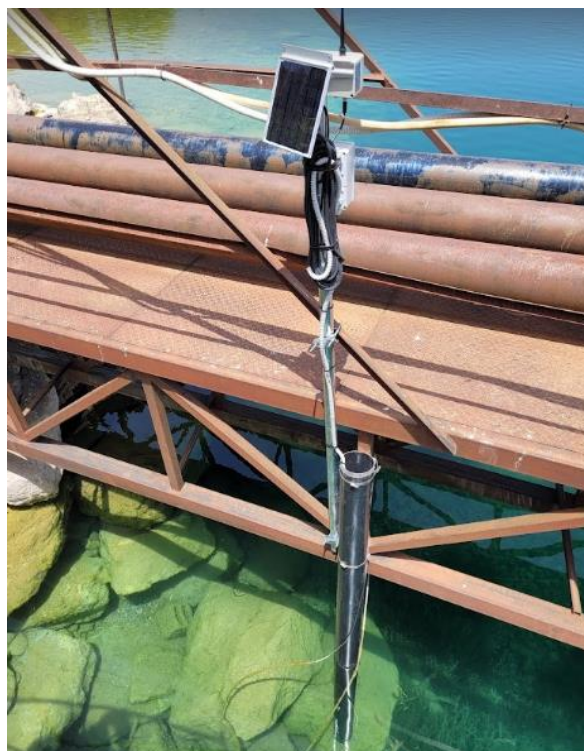


- The data transmission is made via mobile telephony every 60 minutes.
- The measurements logged in data base and simultaneously supply automatically a website.
- The system is expandable and it is able to accept extra sensors.
- It has central cleaning wiper system for the sensors.
- Extremely low energy requirements
- Compact monitoring station



MEASURING PARAMETERS

- Water temperature (°C)
- pH
- EC (µS/cm)
- TDS (mg/l)
- TSS (mg/l)
- D.O. (mg/l)
- O.R.P. (mV)
- Turbidity (NTU)
- Chlorophyll A' (µg/l)
- Algae (µg/l)



OPERATION PARAMETERS

- Data logger battery
- Multiparameter probe battery
- Mobile telephony signal power
- Data transmission delay
- Internal data logger temperature
- Data logger relative humidity

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