



environmental solutions.

## EHP ENVIRONMENTAL BUOY<sup>®</sup> FOR CONTINUOUS WATER QUALITY, FLOW AND WEATHER MONITORING ON OPEN WATER



The EHP ENVIRONMENTAL buoy<sup>®</sup> can be utilised at sea, on lakes and in rivers or pools. Examples of use include the monitoring of water quality at beaches, industrial emissions and turbidity at dredging sites. The EHP buoy can fitted with radar reflector and hazard light when necessary.



### WITH THE EHP ENVIRONMENTAL BUOY<sup>®</sup> YOU CAN MEASURE:

- Water conditions such as temperature, dissolved oxygen, conductivity, pH, turbidity
- Biological content, including Chlorophyll-a, COD, BOD, TOC, DOC
- Oil-in-water
- Dissolved metals (Ni, Cu, Zn, Pb, Co)
- Weather conditions such as air temperature, wind speed and direction, air pressure, relative humidity, solar radiation intensity
- Water flow and direction (vertical measurement between bottom and surface possible)

Data from the EHP Environmental buoy<sup>®</sup> is transmitted OTA to either the EHP Dataservice or the customer's own information system. GPS positioning shows the location of the buoy and can raise an alarm if the buoy moves away from the desired position.

**EHP ENVIRONMENT LTD**

Tuotekuja 9

90410 Oulu

Finland

[www.ehpenvironment.com](http://www.ehpenvironment.com)



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## THE EHP ENVIRONMENTAL BUOY® IS AVAILABLE IN TWO SIZES:

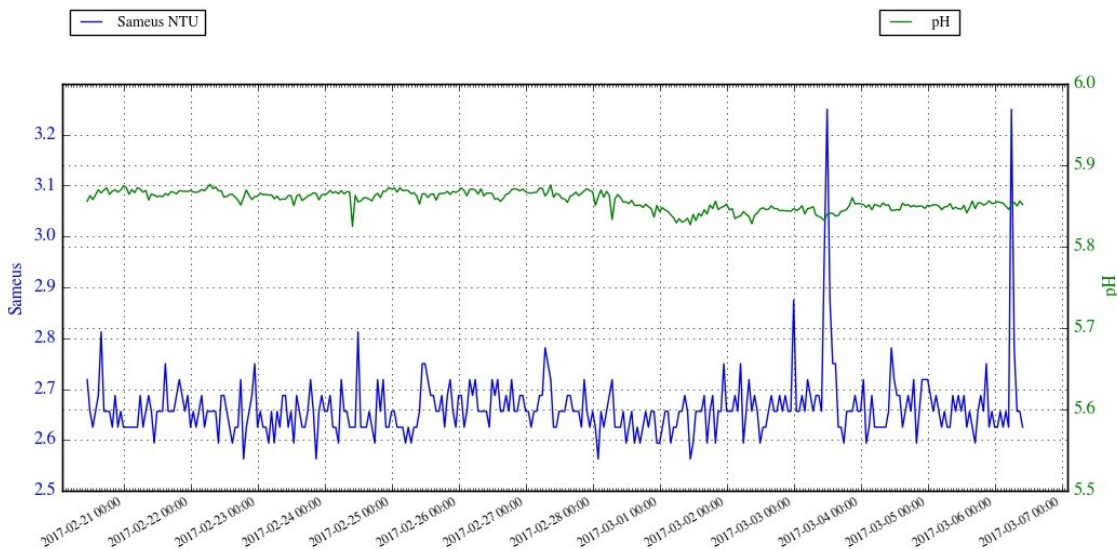
- Diameter 300 mm with a height of 2 or 2,5 metres
- Diameter 600 mm with a height of 2,5 or 3,5 metres

## EHP ENVIRONMENT LTD PROVIDES THE FOLLOWING SERVICES:

- Monitoring data is automatically transferred to the EHP Dataservice
- The data is continuously available through PC and mobile applications
- The data can be displayed graphically and tailored to show only the desired information and time periods and the data downloaded in various formats, such as Excel, text and graphics
- The EHP Dataservice can provide automatic calculations on the data, such as reporting average, sum and aggregate loads
- Access to the EHP Dataservice is through a web browser and does not require any additional investments by the customer
- Every customer has own login, name and password



As with all other EHP services, the EHP Environmental buoy® can be bought, rented, or even just the data delivered without any worries about the hardware!



Example of the EHP Dataservice view.

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