



Ministero della Salute

**A web-site on water of Ministry of Health: “Portale
Acque” -
Toward an integrated system for information to the
public and public participation**

Realized by



In collaboration with



ISS

Istituto Superiore di Sanità

Directive 2006/7/EC

Monitoring

Bathing water quality assessment and classification (GU
24/05/2010)

Bathing water profiles

Management measures

Public participation and information

Difference between directives

76/160/CEE



2006/7/CEE

Indicators:

~~Total Coliforms~~

~~Faecal coliforms~~

~~Faecal Streptococci~~

→ *Escherichia coli* (EC)

→ Intestinal Enterococci (EI)

Analytic methods:

No standard

→ ISO Methods

The use of alternative methods requires demonstration of equivalence (UNI EN ISO 17994) (dall'art. 3 comma 9 della direttiva 2006/7/CE)

Classification:

80% or 90% one year data

→ 90_{ile} o 95_{ile} using data of 3 or 4 years

The website

The current European policies on environment and health have not only a mere monitoring and control purpose but have also the aim to create an integrated management system that must take in consideration health risk prevention, information to the public and public participation to the decision making process.

The intent is to get citizen involved into the promotion of environmental improvement actions and consequently effect positively on health, on economy and national development.

According to this policies the Ministry of Health promoted “Portale Acque” to improve the information system and in order to create a network to provide information to the public and present in a clear and coherent manner the results of quality controls.

This initiative will offer on one hand to the actors involved into water treatment (namely Provinces, States and EU) an useful and technologically advanced support and on the other hand to provide real-time information on water-related topics and safety.

“Portale Acque” has four main sections that allows the citizen delving deeper into the section-related topic :

1. thermal water,
2. mineral water,
3. drinkable water,
4. bathing water.

The first three section are under construction, bathing water section is already completed and will be published after the annual press conference about bathing water.

Two macro web application has been developped:

- A front-end free access application (www.portaleacque.it)
- A back-end application with limited access (or rather the Sistema Informativo www.portaleacque.it/resi)

Regions and ARPA Authorized users , link up to the Sistema Informativo, and insert bathing water data:

- Information data on Bathing Water stations
- Cartographic data
- Bathing Water Profiles
- Monitoring report
- Computation of Bathing Water classification

These data are published in real time on the Web Portal in order to be at Ministry of Health disposal for communications to European Community.

In bathing water section of the portal, citizens can easily access all information on the quality of bathing waters Italian in real time.

Through a simple graphical understanding, using the Ortho Google Maps, the user can know the individual bathing bathing areas, any prohibition monitoring data relating to current bathing season and view all information related to environmental 'area, such as classification, cost profiles, critical specifications, etc. ..

At citizen disposal on the web portal:

- A section dedicated to scientific documentation;
- A section dedicated to the possible risks incoming during recreational activity in bathing water;
- A section dedicated to the most important news concerning bathing water.

Citizens may give and receive information concerning bathing water matters communicating them through a mail box of the Ministry Health who's personnel is going to decide whether to answer directly or forward the signalling message to the competent authority.