

# WATER PROTECTION

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# SOURCES OF LEGAL REGULATION

## **Act N. 254/2001 Coll., Water Act**

- legal nature of waters
- use and protection of surface water bodies and ground waters as to their quality and quantity
- establishment and protection of waterworks
- protection against floods

# SOURCES OF LEGAL REGULATION

## **Act N. 258/2000 Coll., Public Health Protection Act**

- quality of drinking water
- quality of water in public pools

# SOURCES OF LEGAL REGULATION

## **Act N. 164/2001 Coll., Balneology Act**

- sources of mineral water
- natural curing spas and balneotherapeutic places

# SOURCES OF LEGAL REGULATION

## **Act N. 274/2001 Coll., Water Supply and Sewage Act**

- drinking water supply
- sewage system
- indirect discharge – the one, which is not discharged to the surface water body, but into waste water treatment facility

# SOURCES OF LEGAL REGULATION

Act No. 114/1995 Sb., on inland navigation



# Different kinds of waters

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graph TD; A[Different kinds of waters] --> B[Surface waters]; A --> C[Ground waters]; A --> D[Waste waters<br/>Mineral waters<br/>Mining waters];
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Surface  
waters

Ground  
waters

Waste waters  
Mineral waters  
Mining waters

# LEGAL NATURE OF WATERS



Surface and ground waters are "res nullius"

# DIFFERENT USE OF WATERS

Utilization of energetic potential of waters

Navigation

Consumption for different purposes

Waste water discharge

Fish and poultry production and others

# DIFFERENT WAYS OF WATER POLLUTION

- Waste water discharge
- Hazardous substances management
- Industrial and other accidents

# AIM OF THE REGULATION

- to protect inland waters
- to regulate their use
- to maintain and improve the quality of surface and ground waters
- reduce unfavorable effects of floods and droughts
- to protect waterworks and to keep them safe

# REGULATORY TOOLS

- Administrative instruments
- Setting of limitations and standards
- Protected and protective areas
- Bans and duties of persons
- Water planning – river basin plans and program of measures
- Monitoring, reporting and record-keeping

# REGULATORY TOOLS

- Authorization
- Economic tools
- Sanctions
- River basin administration
- State administration

# ADMINISTRATIVE INSTRUMENTS

- permits
- approvals
- opinions.



# LIMITATIONS AND STANDARDS

- Effluent limitations
- Water quality standard



# SPECIAL AREA PROTECTION

- Protected areas of natural water accumulation
- Protective areas
- Sensitive areas
- Vulnerable areas
- Waters suitable for swimming
- Surface waters supporting fish

# BANS AND DUTIES

- to protect inland waters,
- to apply the best available technology,
- to furnish all buildings with a water supply and adequate technology to dispose waste waters
- requirements for handling dangerous substances
- reporting and emergency requirements
- and others

# WATER PLANNING

- the plan of the main river basins
- regional plans of river basins
- programmes of measures to be taken
- the action programme
- pollution reduction programmes.

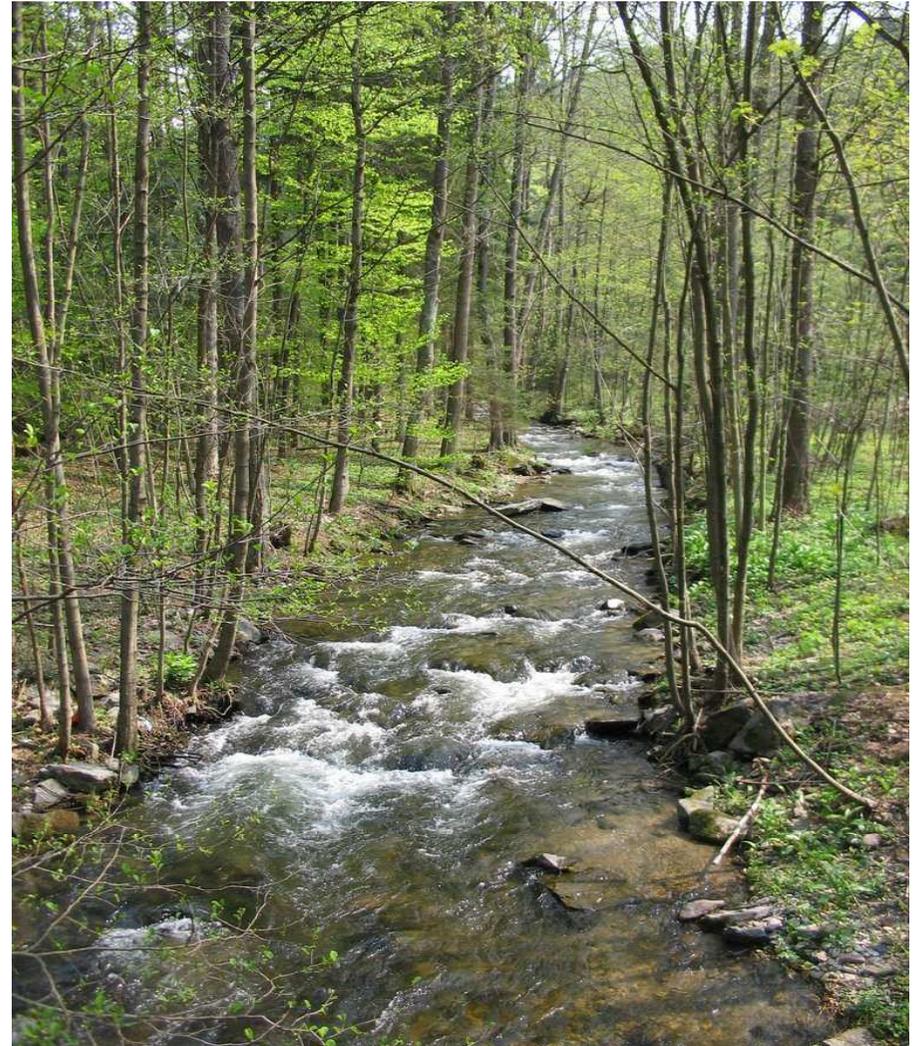
# ECONOMIC TOOLS

The fees are imposed for:

- waste water discharge
- dwelling the ground water
- drawing the surface water.

# SANCTIONS

- corrective measures,
- fines up to 20 million crowns,
- termination the operation.



# RIVER BASIN ADMINISTRATION

## **Watercourse administrators**

- state organizations (enterprises) taking care of river basins and significant watercourses. Smaller watercourses are taken care of by municipalities or other persons who use it in a prevailing manner.

# STATE ADMINISTRATION

Ministry of the Environment

- state supervision
- problems with water pollution

Ministry of Agriculture

- central water law authority
- mainly quantity of the water

Ministry of Health, hygienists

Ministry of Transportation

Water law offices

Czech Environmental inspectorate