

GENERAL DIRECTORATE OF WATER MANAGEMENT

The National Project on Control of Pollution Caused by Dangerous Substances

Müge ERKAN
Assistant Expert

10th EUROPEAN CONFERENCE
ON THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE
European Group of Basin Organizations EUROPE-INBO
Istanbul – Turkey – 17 to 19 October 2012

CONTENT

- × **The Legal Basis**
- × **Current Legislative Status in Turkey**
- × **The European Legislative Background (Against Chemical Pollution)**
- × **On-going Projects**
- × **The National Project on Control of Pollution Caused by Dangerous Substances**

THE LEGAL BASIS

- × **3rd October 2005: Initiation of the negotiations for the EU accession process of Turkey**
- × **21st December 2009: Initiation of the Environment chapter of the negotiations**
- × **Consequently: Obligation process of Turkey to adapt the EU legislation**



CURRENT LEGISLATIVE STATUS IN TURKEY

The major existing regulations in Turkey are as follows:

- Water Pollution Control Regulation (2004/25687)**
- The By-Law on Control of Pollution by Dangerous Substances in Water and its Environment (2005/26005)**
- Fisheries Regulation (1995/22223)**
- Quality of The Surface Water Intended for the Abstraction of Drinking Water Regulation (2005/ 25999, R 2012/28338)**
- Protection of Waters Against Nitrate Pollution from Agricultural Sources Regulation (2004/25377)**
- The By-law on the Protection of Groundwater Against Pollution And Deterioration (2012/28257)**

EU LEGISLATION OF CONCERN

- × **Water Framework Directive (2000/60/EC)**
- × **Environmental Quality Standards Directive (2008/105/EC)**
- × **Directive on Water Pollution Caused by Discharges of Certain Dangerous Substances (76/464/EEC)**

CURRENT PROJECTS

- ✘ Project on the Control of Pollution Caused by Dangerous Substances
- ✘ Project on the Determination of Dangerous Substances in Coastal and Transitional Water of Turkey and Ecological Coastal Dynamics
- ✘ Project on the Determination of the Water Pollution Caused by the use of Plant Protection Products and Identification of Environmental Quality Standards for Substance or Substance Groups



Project on Control of Pollution Caused by Dangerous Substances

- ✘ **Objective:** Derivation of the environmental quality standards for dangerous substances
- ✘ **Scope:** Ergene Basin, Konya Closed and Susurluk Basins
- ✘ **Duration:** 24 months

Particularly focuses on **industry originated dangerous substances**

Project on Control of Pollution Caused by Dangerous Substances

Main Steps of the Project:

Selection of the methodology

Formation of a candidate dangerous substances inventory specific to Turkey

Preparation of the final list of parameters

Monitoring in 3 Pilot Basins

Derivation of the environmental quality standards



Project on Control of Pollution Caused by Dangerous Substances

Pollutant Groups	Number of substances
Pesticides	42
Phenols	22
Metals and metallic compounds	40
Aromatic and Polyaromatic Hydrocarbons	31
Halogenated Hydrocarbons	32
Halogenated Aromatic Hydrocarbons	59
Other Organic Compounds	19
Other Endocrine Disrupters	3
Total	248

AT THE END OF THE PROJECT...

- × **Sector specific dangerous substances in Turkey's water bodies**
- × **Environmental Quality Standards**
- × **A scientific base for upcoming discharge standards**
- × **A 'good chemical status' will be achieved**

THANK YOU FOR YOUR ATTENTION

**Müge ERKAN, MSc.
Assistant Expert
Ministry of Forestry and Water Affairs
Directorate General of Water Management
merkan@ormansu.gov.tr**