

Groundwater Pollution Monitoring Standards

Environmental Protection Administration order (90) Huan-shu-shui-tzu No. 0073671, November 21, 2001

- I. These Standards are determined pursuant to Article 5, Paragraph 2 of the Soil and Groundwater Pollution Remediation Act.
- II. This standard is not applicable if the groundwater is due to external contamination and the concentration of materials meets monitoring standard levels for pollutant monitoring items listed in this standard.
- III. Groundwater is classified into the following two categories:
 - A. Category 1: Groundwater in drinking water source protection areas
 - B. Category 2: Groundwater which is not of Category 1
- IV. Pollutant monitoring items and monitoring standard levels (concentration units: mg/l):

Pollutant items	Standard monitoring levels	
	Category 1	Category 2
Heavy metals		
arsenic (As)	0.025	0.250
Cadmium (Cd)	0.0025	0.0250
Chromium (CR)	0.025	0.250
Copper (Cu)	0.5	5.0
Lead (Pb)	0.025	0.250
Zinc (Zn)	2.5	25.0
Iron (Fe)	0.15	1.50

Pollutant items	Standard monitoring levels	
	Category 1	Category 2
Manganese (Mn)	0.025	0.250
General items		
Hardness (Total hardness as CaCO₃)	150	750
Total dissolved solids	250	1250
Chloride	125	625
Ammonia	0.05	0.25
Nitrates (Nitrate as N)	5	25
Sulfates (Sulfate as SO₄²⁻)	125	625
Total Organic Carbon	2	10

- V. Professional or industry associations or environment-related groups may present specific scientific data and information to the central competent authorities as reference for revision of these standards.