

National Network of Monitoring Surface Water Quality and Water Quality Assessments of the Eastern Mongolia

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Abstract

Surface Water Quality Monitoring system in Mongolia is briefly introduced in this report. The Central laboratory of Environmental Monitoring /CLEM/ was established in 1976. The CLEM is the main responsible organization for all environmental quality monitoring and its pollution control within the country. The Central laboratory has Air quality monitoring section, Water quality monitoring section (it is including deposition monitoring), and Soil & Radiation control sections.

Water quality monitoring network there are 21 local laboratory of environmental monitoring, 150 surface water quality sites that are located in more than 80 rivers and 13 lakes, 20 Waste Water Treatment Facilities WWTP), 2 acid deposition monitoring sites.

Parameters analyzed at the water quality laboratory are pH, electric conductivity, T0, SM (Suspended matter), major ions, biogenic elements, DO, BOD, COD-Mn, heavy metals and so on.