

Study on the relationships between organic complexation and water pressure.

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Decrease of water pressure during groundwater sampling may change the property of dissolved organics. It is required to confirm whether the organics property change with water pressure for the study of natural organics in groundwater on the quality control view point. Organic complexation reaction between humic substance and iron ion was studied in various water pressures. The result shows that the iron ion concentration increases with water pressure. This indicates the possibility that the humic substance - iron complexation property change with pressure condition.