

**III-P-14. STUDIES ON TIME VARIATION OF THE CONCENTRATION  
OF PETROLEUM PRODUCTS FROM GROUNDWATER IN AN  
AREA RELATED TO A DECOMMISSIONED FUEL STORAGE**

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In recent years a number of the fuel depots were decommissioned. After this decommissioning, there were many cases where environmental elements such as soil and water from groundwater were affected by pollution, especially pollution by oil products. In these cases, according to legal provisions for environmental protection, the monitoring of affected environmental components is required.

The paper highlights the variation in time of the petroleum products and BTEX concentrations from groundwater on the site of decommissioned fuel storage. The paper presents the monitoring results of 18 drillings located in the territory of deposit (both inside and in the vicinity of the deposit) to the direction of groundwater flow, over a period of 6 months and comparing the results with the values imposed by law, in order to set the degree of pollution induced by the deposit.

**Keywords:** *petroleum products, pollution, water quality*