

**Hofman, M., Wachowski, L. Soil Concentrations of Platinum and Lead Along the Main Exit Routes from the City of Poznan. *Ochrona Srodowiska* 2010, Vol. 32, No. 3, pp. 43–47.**

**Abstract:** The paper addresses the problem of lead and platinum occurrence in the soil along roads and highways, the case in point being the main exit routes from the city of Poznan. While the soil concentrations of lead have been monitored not only along recently constructed roads but also those used over a long period, the presence of platinum in those soils was left without due consideration. The study reported on in this paper has revealed that despite the common use of unleaded petrol, the soil concentrations of lead along main roads are still high although they do not exceed the admissible levels. Another major finding of this study is that the soil concentrations of platinum exceed the geochemical background values. This corroborates the necessity of monitoring the presence of this noble metal, since its emission from the catalytic systems in motor vehicles continues to increase.

**Keywords:** Lead, platinum, soil, pollution, main road, monitoring.