



Environmental Report for the 4th Quarter of 2017

Groundwater and surface water monitoring system

- Groundwater monitoring system is designed to monitor the impact of plant operation on groundwater.
- Surface water quality is monitored in the Kotrcina stream at two stream profiles.

Monitoring place	Marking	Pollution indicators
Bore	SM-1, SM-2, SM-3, SM-4, SM-5, PM-1, PM-2, PM-4, PM-7, PM-8, PM-9, PM-10, PM-11, PM-13	water temperature, water level, pH, conductivity, COD-Mn, non-polar extractives, BTEX, TOC
Kotrcina stream	PV-1, PV-2	water temperature, pH, conductivity, dissolved oxygen, COD-Mn, nitric nitrogen, non-polar extractives, BTEX, hydrocarbon index, TOC
Rainwater sewage (<i>behind oil separator</i>)	DK-2 Kia	non-polar extractives



Indexes of industrial waste water contamination

- Quantity of industrial waste water discharged into the public sewerage in the 4th quarter 2017: **108,489 m³**

Indicator	pH	COD _{Cr}	BOD ₅	Soluble Substances	N total	P total
Unit	-	mg/l	mg/l	mg/l	mg/l	mg/l
Public sewerage limit (Decree No. 55/2004 Coll.)	6-9	800	400	2,500	70	10
Concentration of pollutants*	8.35	324	94.9	1,230	18.3	0.35

** Indicators are set by qualified spot sample*



Air protection

- KMS operates the following sources of air pollution divided in terms of Decree No. 410/2012 Coll.:

Large air pollution source	Medium air pollution sources
Paint Shop	Press Shop
Vehicle Process Center (VPC)	Body Shop
Tank Farm	Assembly Shop
	Engine Shop
	Canteen
	Main Office
	Section 6 (Utility buildings)
	Fuel Station

- During the trial operation in 2007, the first authorized measure of emissions was executed for all sources that fulfilled this obligation.
- Repeated authorized measures are carried out in the set legislative deadlines every 3 or 6 years.
- The results confirmed compliance with the emission limits of all previously measured sources.



Waste management

- Kia Motors Slovakia produces hazardous and other wastes from its operation.
- Their amount and way of disposal in the 4th quarter of 2017 are shown in the table.

Wastes	Recovery in %	Disposal in %
Hazardous	3.85	96.15
Others	98.48	1.52
Total	88.45	11.55