



Environment Report for 2nd Quarter of 2014

Groundwater and surface water monitoring system

- Groundwater monitoring system is designed to monitor the impacts of plant operation on groundwater.
- Surface water quality is monitored in the stream Kotrcina 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, CHSk-Mn, NEL-IR, BTEX, TOC
Kotrcina stream	PV-1, PV-2	water temperature, pH, oxygen, conductivity, CHSK-Mn, nitric nitrogen, NEL-IR, BTX, benzene, toluene, xylene, ethylbenzene, hydrocarbon index, TOC
Rainwater sewage (behind oil separator)	DK-2 KIA	NEL-IR



Indexes of industrial waste water contamination

- Quantity of industrial waste water discharged into the public sewerage in the 2nd quarter 2014: **91,971.00 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	8,15	193	78,8	938	9,54	0,31

** Indicators are set by qualified spot sample*



Air protection

- KMS operates the following sources of air pollution, divided in terms of based on Decree no. 410/2012 Coll.:

Large air pollution source	Middle 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 was made the first authorized measure of emissions for all sources that fulfilled this obligation.
- Repeated authorized measures are carried out within legislative deadlines every 3 or 5 years.
- The results confirmed compliance with the emission limits of all previously measured sources.
- In the 2nd quarter of 2014 was carried out repeated measurement at the die washing area in Press Shop (middle technology source) with keeping the specified emission limits.



Waste management

- KMS produces hazardous and other wastes from its operation.
- Their amount and way of disposal in the 2nd quarter of 2014 is shown in the table.

Wastes	Amount in t	Recovery in %	Disposal in %
Hazardous	1 420,18	3,74	96,26
Others	14 649,932	98,92	1,08
Total	16 070,112	90,51	9,49

- According to Law no. 119/2010 Coll. on packaging, KMS as obliged person is ensuring responsibilities for collection, recovery and recycling of packaging materials itself and at its own cost.