



## Environment Report for 3<sup>rd</sup> 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 3<sup>rd</sup> quarter 2014: **88 871,00 m<sup>3</sup>**

Indicator	pH	COD <sub>Cr</sub>	BOD <sub>5</sub>	Soluble Substances	N total	P total
Unit		mg/l	mg/l	mg/l	mg/l	mg/l
<b>Public sewerage limit</b> (Decree no. 55/2004 Coll.)	6-9	800	400	2,500	70	10
<b>Concentration of</b>	7,95	500,80	159,42	1601,61	33,08	1,31

*\* 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.



## Waste management

- KMS produces hazardous and other wastes from its operation.
- Their amount and way of disposal in the 3<sup>rd</sup> quarter of 2014 is shown in the table.

Wastes	Amount in t	Recovery in %	Disposal in %
Hazardous	1 449,58	3,86	96,14
Others	12 446,125	98,69	1,31
<b>Total</b>	<b>13 895,705</b>	<b>88,80</b>	<b>11,20</b>

- 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.