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## Environmental Report for the 3<sup>rd</sup> Quarter of 2015

### 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



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## Indexes of industrial waste water contamination

- Quantity of industrial waste water discharged into the public sewerage in the 3<sup>rd</sup> quarter 2015: **87,855 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 pollutants*</b>	8	397	114.5	1,581	60.87	2.1

*\* Indicators are set by qualified spot sample*



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## 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.



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## Waste management

- Kia Motors Slovakia produces hazardous and other wastes from its operation.
- Their amount and way of disposal in the 3<sup>rd</sup> quarter of 2015 are shown in the table.

Wastes	Amount in t	Recovery in %	Disposal in %
Hazardous	1,368.392	4.56	95.44
Others	13,080.284	98.62	1.38
<b>Total</b>	<b>14,448.676</b>	<b>89.72</b>	<b>10.28</b>

- According to the Law No. 119/2010 Coll. on packaging, Kia Motors Slovakia, as obliged person, ensures responsibilities for collection, recovery and recycling of packaging materials by itself and at its own cost.