

Indicators of the environmental impact

No.	Name of specific indicator	Unit of measure	2014	2015	2016	2017
1	2	3	4	5	6	7
1	Gross pollutant emission into the atmosphere	'000 tonnes	144.871	132.151	185,120	176,707
2	Specific pollutant emission into the atmosphere per barrel of oil produced	kt/t	2.4	2.1	2.99	2,92
3	Specific greenhouse gas (methane) emissions into the atmosphere per volume of oil produced	kt/t	0.99	0.8	1.0	0,9
4	APG utilization level	%	99.14	99.38	99.34	99,32
5	Water consumption	'000 cub m	91,273.1	100,509.833	101,551.04	101,105.56
6	Specific water consumption	cub m/t	1.49	1.63	1.65	1.65
7	Discharge of wastewater into surface water bodies*	cub m	0	0	0	0
8	Waste generation	'000 tonnes	716.1	725.8	714.0	797.3
9	Waste used in own production	'000 tonnes	422.9	452.6	417.1	462.3
10	Waste treated in in-house production	'000 tonnes	37.9	43.0	43.9	50.5
11	Transferred to external companies	'000 tonnes	202.3	183.3	181.7	176.7
12	Specific waste disposal	t/t	1.08	1.07	1.11	1.16
13	Ratio of total utilized and decontaminated wastes (including wastes utilized and decontaminated by third parties) to the amount of total wastes generated (amount of wastes at the beginning of the year + amount of wastes generated during the year + amount of wastes received from other organizations)	t/t	0.71	0.74	0.70	0.70

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14	Total land area at the beginning of the year	ha	119,086	131,681	133,798	140,08
15	Total land area at the end of the year	ha	131,681	133,798	140,08	144,437
16	Disturbed land area at the beginning of the year	ha	16,413	14,251	13,742	10,7
17	Disturbed land area at the end of the year	ha	9,645	3,06	7,911	3,866
18	Polluted land area at the beginning of the year	ha	1.5	0	0	0
19	Polluted land area at the end of the year	ha	0	0	0	0
20	Amount of oil (oil products) spilled (remained) as a result of pipeline ruptures and accidents	kg	0	0	0	0
21	Number of pipeline ruptures**	pcs	3	9	9	5
22	Ratio of epy polluted land area at the end of the year to the beginning of the year	ha/ha	1.5/0	0/0	0/0	0/1
23	Specific number of incidents occurred at pipelines that resulted in oil, condensate, oil products and condensate spills	Unit/1 thousand km of pipelines	0,1	0,32	0,31	0,138
24	Specific amount of spilled oil, condensate and oil products as a result of ruptures and accidents	kg/t	0	0	0	0
25	Share of above-limit payments in the total amount of pollution charge	RUB/RUB	0.001	0.001	0.000	0.001

No.	Name of specific indicator	Unit of measure	2014	2015	2016	2017
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26	Power generation from renewable energy recourses (RES), including the in-house needs***	% of the total amount of power generation	-	-	**	**

\* OJSC "Surgutneftegas" doesn't carry out surface wastewater disposal.

\*\* Information on incidents at the oilfields, measures taken in response to incidents, administrative investigations to establish fault, claims made and penalties recovered is shown in tables "Information on incidents at the oilfields of OJSC "Surgutneftegas" for 2015 and 2016.

\*\* OJSC "Surgutneftegas" implements RES technologies for the in-house needs, among other things there are solar systems for water heating at the facilities in Krasnodarsky Krai. In 2017, to provide hot water supply in the Republic of Sakha (Yakutia), for the first time, a solar energy collector was installed and now is at the stage of start-up and commissioning.