

Indicators of an environmental impact

No	Name of specific indicator	Unit	2019	2020	2021
1	Gross pollutant emissions into the atmosphere	'000 tonnes	126.8	122.8	137.0
2	Specific pollutant emissions into the atmosphere per unit of produced hydrocarbons	kg/t	1.85	1.98	2.19
3	Specific greenhouse gas emissions into the atmosphere per unit of produced hydrocarbons*	kg of CO ₂ -eqv/t	29.44	31.34	29.44
4	APG utilization level	%	99.56	99.52	99.44
5	Water consumption	'000 cub m	103437.28	97702.55	98903.97
6	Specific water consumption per unit of produced hydrocarbons	cub m/t	1.512	1.576	1.579
7	Discharge of wastewater into surface water bodies**	cub m	0	0	0
8	Waste generated	'000 tonnes	944.8	1149.9	1146.7
9	Waste utilized in in-house production	'000 tonnes	574.8	725.1	689.4
10	Waste decontaminated in in-house production	'000 tonnes	63.6	66.5	82.8
11	Transferred to external companies	'000 tonnes	183.5	240.4	248.4
12	Specific waste disposal	t/t	1.15	1.11	1.12
13	Ratio of total utilized and decontaminated waste (including waste utilized and decontaminated by external companies) to the amount of total waste (the amount of waste at the beginning of the year + the amount of waste generated for the year + the amount of waste received from other organizations)***	t/t	0.7	0.8	0.8
14	Ratio of total utilized and decontaminated waste (including waste utilized and decontaminated by external companies) to the amount of waste generated for the year (including the amount of waste received from other organizations)****	t/t	0.7	0.7	0.7

15	Total land area at the beginning of the year	ha	142,659	147,158	150,369
16	Total land area at the end of the year	ha	147,158	150,369	152,196
17	Disturbed land area at the beginning of the year	ha	10,287	8,173	7,531
18	Disturbed land area at the end of the year	ha	4,271	3,742	1,218
19	Polluted land area at the beginning of the year	ha	0	0	0
20	Polluted land area at the end of the year	ha	0	0	0
21	Amount of oil (oil products) spilled (remained) as a result of pipeline ruptures and accidents	kg	0	0	0
22	Pipeline ruptures*****	times	1	3	2
23	Ratio of the polluted land area at the end of the year to the beginning of the year	ha/ha	0/0	0/0	0/0
24	Specific number of incidents occurred at pipelines that resulted in oil, condensate, oil products and formation water spills	times/1 thousand km of pipelines	0.035	0.094	0.068
25	Specific amount of spilled oil, condensate and oil products as a result of ruptures and accidents	kg/t	0	0	0
26	Share of above-limit payments in the total amount of the negative environmental impact payments	RUB/RUB	0	0	0
27	Power generation from renewable energy resources (RES), including for in-house needs*****	% of the total amount of power generation	*****	*****	0.001***** *

* Greenhouse gas emissions when producing oil and associated petroleum gas

** "Surgutneftegas" PJSC does not discharge wastewater into surface water bodies.

*** Utilized and decontaminated waste of hazard classes I–IV for 2020, 2021 is 0.8

**** Utilized and decontaminated waste of hazard classes I–IV excluding the legacy for 2020, 2021 is 0.8

***** Information on incidents at the oil fields, 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 oil fields of "Surgutneftegas" PJSC

***** "Surgutneftegas" PJSC introduces RER technologies for in-house needs: the Company has installed and operates solar collectors for water heating to provide hot water supply at the facilities located in Krasnodarsky Krai, Republic of Sakha (Yakutia), which makes it possible to save 55.6 thousand kWh of electricity.