



ENVIRONMENTAL PERFORMANCE OF THE COMPANY'S FOREIGN ASSETS

Norilsk Nickel Harjavalta

The company is fully environmentally permitted and operates a certified integrated management system compliant with ISO 9001 and ISO 14001.

Norilsk Nickel Harjavalta's main environmental impact comes from air emissions of ammonia (NH₃) and nickel (Ni), and water discharges of nickel, sulphates (SO₄²⁻) and ammonium ions (NH₄⁺). In 2019, Norilsk Nickel Harjavalta met all permit requirements for emissions, discharges and waste disposal volumes.

Environmental indicators

Indicator	2017	2018	2019
Industrial wastewater, Mm ³	0.9	1.0	1.0
Total water consumption, Mcm	11.1	11.8	11.5
Pollutants in industrial wastewater, kt			
Ni	0.001	0.001	0.001
SO ₄ ²⁻	26	30	30
NH ₄ ⁺ (expressed as nitrogen)	0.1	0.1	0.1
Air pollutant emissions, t	71	85	40
Ni	1.7	1.2	1.6
NH ₃	69	84	38
Waste generation, kt	5.5	2.8	5.7
Waste disposal, kt	0.8	1.1	1.3

Nkomati

The company operates in accordance with both local environmental protection regulations and Nornickel corporate standards. Nkomati pays close attention to environmental safety, is certified and regularly audited for compliance with ISO 14001.

Environmental indicators

Indicator	2017	2018	2019
Water consumption, Mcm	0.064	0.429	0.254
Waste generation, t	431	358	1,243
Waste disposal, t	845	725	670
Environmental protection expenditures, USD mln	0.27	0.31	0.33